created via: HPDC Online Builder

CLASSIFICATION: 08 71 00

CT DESCRIPTION: The Norton 6000 Series PowerMatic® operator combines intelligence, reliability and superior control in one package. Designed with the user in mind, this operator features simple to use electronics, an onboard power supply and easy integration into access control systems. It also includes: Ease of installation and setup with simple instructions and LCD screen / joystick controller; Application versatility and ease of adjustment; Non-handed units; Push- or pull-side mounting; Interfaces with electric hardware and access control systems; Operates as mechanical surface close during close cycle or if power is turned off; Critical for fire-rated doors; Clutch mechanism allows closer to function as a normal manual door closer; Operation activation options include: wall switches, radio frequency devices, Push-and-Go, obstruction detection in both closing and opening directions, adjustable motor start delay, adjustable vestibule delay, adjustable hold open delay, single pole double throw relay output, blow open for smoke ventilation, presence detector input, and On - Off - Infinite Hold Open selector mode switch

## Section 1: Summary

## **Nested Method / Material Threshold**

### CONTENT INVENTORY

**Inventory Reporting Format** Nested Materials Method

Threshold Disclosed Per

Material C Product

C Basic Method

Threshold level

C 100 ppm **⊙** 1,000 ppm O Per GHS SDS

C Per OSHA MSDS C Other

Residuals/Impurities Considered in 0 of 26 Materials Explanation(s) provided

Residuals/Impurities

C Yes C No

Are All Substances Above the Threshold Indicated:

Characterized

∩ Yes ⊙ No

C Yes © No

Percent Weight and Role Provided?

Using Priority Hazard Lists with Results Disclosed?

Identified C Yes € No

Name and Identifier Provided?

### CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

MATERIAL | SUBSTANCE | RESDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

STEEL | IRON LT-UNK MANGANESE LT-PI | END NICKEL LT-I | MAM | CAN | SKI | AQU | RES ZINC LT-PI | AQU | RES | PHY |
MOTOR GREASE | LITHIUM HYDROXIDE LT-PI | AULU WHITE MINERAL OIL LT-UNK | LITHIUM 12-HYDROXYSTEARATE LT-UNK | MOTOR PAINT | WATER UNK TITANIUM DIOXIDE LT-I | CAN ISOPROPYL ALCOHOL LT-UNK | EYE | PHY N-BUTANOL LT-UNK | MAM | SKI | EYE | THYLENE GLYCOL MONOBUTYL ETHER (EGBE) LT-PI | MAM | EYE | SKI | END | CAN PROPYLENE GLYCOL MONOMETHYL ETHER (FGME) LT-UNK | BLECTRONIC | PRINTIPE O CIRCUIT BOARD MOSS | AL384 / 413 | ALUMINUM LT-PI | RES | PHY | END SILICON LT-UNK | FOR LT-UNK | AGONE MAGNESIUM LT-UNK | PHY | A401

CHROME SILICONE WIRE | IRON LT-UNK | SILICON LT-UNK CHROMIUM LT-UNK | RES CARBON LT-UNK | ZINC-PLATED SCREW | ZINC LT-PI | AQU | RES | PHY | CLOSER OIL | DISTILLATES (PETROLEUM), SOLVENT-REFINED (MILD) LIGHT

PARAFFINIC (9C) | LT-I | CAN | MUL | PVC SP-7107-T100 | POLYVINYL CHLORIDE (PVC) LT-UNK | RES | ZAMAC #3 | ZINC LT-PI | AQU | RES | PHY ALUMINUM LT-PI | RES | PHY | END MAGNESIUM LT-UNK | PHY COPPER LT-PI | ALUMINUM LT-PI | RES | PHY | END MAGNESIUM LT-UNK | PHY COPPER LT-PI | ALUMINUM LT-PI | RES | PHY | END MAGNESIUM LT-UNK | PHY COPPER LT-PI | ALUMINUM LT-PI | RES | PHY | END MAGNESIUM LT-UNK | PHY COPPER LT-PI | ALUMINUM LT-PI | RES | PHY | END MAGNESIUM LT-UNK | PHY COPPER LT-PI | ALUMINUM LT-PI | RES | PHY | END MAGNESIUM LT-UNK | PHY COPPER LT-PI | ALUMINUM LT-PI | RES | PHY | END MAGNESIUM LT-UNK | PHY COPPER LT-PI | ALUMINUM LT-PI | RES | PHY | END MAGNESIUM LT-UNK | PHY COPPER LT-PI | ALUMINUM LT-PI | RES | PHY | END MAGNESIUM LT-UNK | PHY COPPER LT-PI | END | CHAIN |

TENSIONER | POLYETHYLENE LT-UNK | CHROMIUM LT-UNK | RES MAGNAGESE LT-PI | END | CHAIN |

TENSIONER | POLYETHYLENE LT-UNK | EYE | SKI | POLYURETHANE BAR | POLYURETHANE FOAMS LT-UNK | POLYNE POLYETHANE FOAMS LT-UNK | POLYURE POLYUK | PHOL LEAD LT-1 | MAM | AQU | DEL | REP | CAN | PBT | MUL | END IRON LT-UNK | NITRILE RUBBER | NITRILES, G.14-18 LT-P] | MUL | LOCTITE 2047 SEALANT [ (1-METHYLETHYLDENE)BIS(A)-T-PHENYLENECXY-2,1-ETHANEDIYL BISMETHACRYLATE LT-UNK | SKI 1,2-PROPANEDIOL, 2-METHYL, MONOMETHACRYLATE LT-UNK POLYTETRAFLUOROETHYLENE LT-UNK CUMENE HYDROPEROXIDE LT-P1 | MAM | SKI | AQU | PHY | MUL FUMED SILICA, CRYSTALLINE-FREE] LT-UNK CUMENE LT-1 | AQU | CAN | MAM | END PHENYLHYDRAZINE LT-1 | AQM | EYE | SKI | CAN | AQU | GEN | MUL | LOCTITE 416 SEALANT (2-PROPENDIC ACID, 2-CYANO-, ETHYL ESTER (9CI) LT-UNK | EYE | SKI | POLYMETHYL METHACRYLATE (PMMA) LT-UNK | RES HYDROQUINONE | T-1 | MAM | CAN | EYE | SKI | AQU | GEN | BUL | MAY | ACID | CAN | EYE | SKI | AUG | CAN | EYE | SKI | EYE | SKI | AUG | CAN | EYE | CAN | EYE

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Residuals not considered as impacts are not considered to be significant

# MAM | SKI | AQU | PHY | MUL PROPYLENE GLYCOL LT-UNK ] VOLATILE ORGANIC COMPOUND (VOC) CONTENT

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings

LCA: Environmental Product Declaration Other: Declare Label

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

O Yes No

PREPARER: Self-Prepared VERIFICATION #:

SCREENING DATE: 2016-12-01 PUBLISHED DATE: 2018-05-29 EXPIRY DATE: 2019-12-01

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1, available on the HPDC website atwww.hpd-collaborative.org/hpd-2-1-standard

SECURITY SEC	STEEL		%: 45.8200 - 45.8200		HPD URL:				
Marie Care Care Care Care Care Care Care Car	MATERIAL THRESHOLD: 1000 ppm		RESIDUALS AND IMPURITIES	CONSIDERED: No					
Processor Sensor	RESIDUALS AND IMPURITIES NOTES:								
Application	sprocket; motor washer; chain guard; Ball - 1/8"; thrust collar; spring adjust nut; spring adjust screw; spring adjust collar; roller bearing; retaining ring; end plug; piston assembly; washer; pin								
No.	IRON					ID: <b>7439-89-6</b>			
NAME AND STATES OF THE PROPERTY OF Privally Man Services Structural Component  NAME AND STATES OF THE PROPERTY	%: 95.0000 - 95.0000	GS: LT-UNK	RC: None	nano: <b>No</b>	ROLE: <b>Iron</b>				
NAME AND STATES OF THE PROPERTY OF Privally Man Services Structural Component  NAME AND STATES OF THE PROPERTY	HAZARDS:	AGENCY(IES) WITH WARNINGS:							
MANGANESE  2.0000 2.00000 oc LT PF			s						
MANGANESE  2.0000 2.00000 oc LT PF	OUDOTANOE NOTES Structural Component								
*** 2,000 - 2,0000	SUBSTANCE NOTES: Structural Component								
*** 2,000 - 2,0000	I								
ENDOCRINE TEDX - Potential Extendent Compressor  NOCKEL TEDX - Report Comp		I T D4	as Name	uuus Na	and Managemen	ID: <b>/439-96-5</b>			
RECOGNINE  TEX: - Parential Endocrine Disruptors  Parential Endocrine Cliquator  Supervices some Structural Component  NOCEL  2, 2000 - 0.0000  SSLT-1  No Norre  ADMONDA  ADM	%: <u>2.0000</u> - <u>2.0000</u>	GS: LI-PI	RC: None	NANO: <b>NO</b>	ROLE: Manganese				
NICKEL  A 2000 - 0.2000  CE LT-1  DE None  ANDERSON  ADDRESSON  AD									
NICKEL  0. 0,2000 - 0,2000  0. 0, LT-1  10. None  10.00 None  10.0	ENDOCRINE	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor					
NICKEL  0. 0,2000 - 0,2000  0. 0, LT-1  10. None  10.00 None  10.0	SUBSTANCE NOTES: Structural Component								
2000 - 0.2000 os LT-1 so None Noo ROLE Nickel  MADMALIAN EU - Riphrases R23 - Tools by Initiation (jas. vapour, dustrinsis)  MAMMALIAN EU - Riphrases R23 - Tools by Initiation (jas. vapour, dustrinsis)  CANCER EU - Riphrases R40 - Limited Evidence of Carcinogene Effects  SMS SERRIZE EU - Riphrases R40 - Limited Evidence of Carcinogene Effects  GROSS RESTRIZE EU - Riphrases R40 - Limited Evidence of Carcinogene Effects  GROSS RESTRIZE EU - Riphrases R40 - Limited Evidence of Carcinogene Effects  GROSS RESTRIZE EU - Riphrases R40 - Limited Evidence of Carcinogene Effects  GROSS RESTRIZE EU - Riphrases R40 - Limited Evidence of Carcinogene Effects  GROSS RATIONOLOMY EU - Riphrases R40 - Limited Evidence of Carcinogene Effects  GROSS RATIONOLOMY EU - Riphrases R40 - Limited Evidence of Carcinogene Effects  CANCER US - Riphrases R40 - Limited Evidence to Initialization by sidn content  CANCER US COC - Conceptional Carcinogene Cocquatation Carcinogene  GROSS RESTRICT US COC - Cocquational Carcinogene Cocquatational Carcinogene  CANCER US NIN - Ripport on Carcinogene Reservataly Articipated to be Human Carcinogene  GROSS RESTRICTION EU - GRES (Hi-Statements) H317 - May cause an ellergic skin resiston  CANCER EU - GRES (Hi-Statements) H317 - May cause an ellergic skin resiston  CANCER EU - GRES (Hi-Statements) H317 - May cause an ellergic skin resiston  GROSAN TOXICANT EU - GRES (HI-Statements) H317 - May cause an ellergic skin resiston  CANCER M44 Carcinogene Gross 1 - Substituces that cause cancer in man  RESPIRATION M44 Carcinogene Gross 1 - Substituces that cause cancer in man  RESPIRATION AMA Carcinogene Gross 1 - Substituces that cause cancer in man  2006 - Cancer Carcinogene Gross 1 - Substituces that cause cancer in man  2007 - Carcinogene Gross 1 - Substituces that cause cancer in man  2008 - Carcinogene Gross 1 - Substituces that cause cancer in man  2008 - Carcinogene Gross 1 - Substituces that cause cancer in man  2009 - Carcinogene Gross 1 - Substituces that cause cancer in man  2009 - Carcinogene Gross 1									
2000 - 0.2000 os LT-1 so None Noo ROLE Nickel  MADMALIAN EU - Riphrases R23 - Tools by Initiation (jas. vapour, dustrinsis)  MAMMALIAN EU - Riphrases R23 - Tools by Initiation (jas. vapour, dustrinsis)  CANCER EU - Riphrases R40 - Limited Evidence of Carcinogene Effects  SMS SERRIZE EU - Riphrases R40 - Limited Evidence of Carcinogene Effects  GROSS RESTRIZE EU - Riphrases R40 - Limited Evidence of Carcinogene Effects  GROSS RESTRIZE EU - Riphrases R40 - Limited Evidence of Carcinogene Effects  GROSS RESTRIZE EU - Riphrases R40 - Limited Evidence of Carcinogene Effects  GROSS RESTRIZE EU - Riphrases R40 - Limited Evidence of Carcinogene Effects  GROSS RATIONOLOMY EU - Riphrases R40 - Limited Evidence of Carcinogene Effects  GROSS RATIONOLOMY EU - Riphrases R40 - Limited Evidence of Carcinogene Effects  CANCER US - Riphrases R40 - Limited Evidence to Initialization by sidn content  CANCER US COC - Conceptional Carcinogene Cocquatation Carcinogene  GROSS RESTRICT US COC - Cocquational Carcinogene Cocquatational Carcinogene  CANCER US NIN - Ripport on Carcinogene Reservataly Articipated to be Human Carcinogene  GROSS RESTRICTION EU - GRES (Hi-Statements) H317 - May cause an ellergic skin resiston  CANCER EU - GRES (Hi-Statements) H317 - May cause an ellergic skin resiston  CANCER EU - GRES (Hi-Statements) H317 - May cause an ellergic skin resiston  GROSAN TOXICANT EU - GRES (HI-Statements) H317 - May cause an ellergic skin resiston  CANCER M44 Carcinogene Gross 1 - Substituces that cause cancer in man  RESPIRATION M44 Carcinogene Gross 1 - Substituces that cause cancer in man  RESPIRATION AMA Carcinogene Gross 1 - Substituces that cause cancer in man  2006 - Cancer Carcinogene Gross 1 - Substituces that cause cancer in man  2007 - Carcinogene Gross 1 - Substituces that cause cancer in man  2008 - Carcinogene Gross 1 - Substituces that cause cancer in man  2008 - Carcinogene Gross 1 - Substituces that cause cancer in man  2009 - Carcinogene Gross 1 - Substituces that cause cancer in man  2009 - Carcinogene Gross 1	NICKEI					ID: 7440-02-0			
MAMALIAN  EU - R-phrases  R33 - Toxic by Inhalation (gas, vapour, dust/mins)  CANCER  EU - R-phrases  R40 - Limited Evidence of Cercinogerio Effects  SKIN SENSITIZE  EU - R-phrases  R41 - May cause sensitization by skin contact  CANCER  CANCER  LU - R-phrases  R42 - May cause sensitization by skin contact  R45 - Danger of serious damage to health by prolonged exposure.  ADUTE ADUATIC  EU - R-phrases  R82 - Hermited to Aquatic Organisms  CANCER  LATIC  CANCER  LATIC  CANCER  LATIC  CANCER  LATIC  CARCER - Prop 65  CANCER  CARCER - Prop 65  CANCER  CARCER  CARCER - Prop 65  CANCER  CARCER  LUS NIN - Report on Carcinogeris  CANCER  CARCER - LUS NIN - Report on Carcinogeris  CANCER  CANCER  LUS NIN - Report on Carcinogeris  Resonably Anticipated to be Human Carcinogeri  RESPRATORY  ACEC - Asthmagers  Authmager (AR) - sensitizer-induced - inhalable forms only  SINN IRRITATION  EU - GHS 91-Statements)  H377 - May cause an aflergic skin reaction  CANCER  EU - GHS 91-Statements)  H377 - May cause an aflergic skin reaction  CANCER  EU - GHS 91-Statements)  H377 - Causes damage to cryate Structural prolonged or repeated exposure  CANCER  MAK  Carcinogen Group 1 - Studatenes Shin certaintization  2NC  ZNC  ALISSTANCE - STRUCTURAl Component  ALISSTANCE - Structural Component  ALISSTANCE - Structural Component		68: LT-1	RC: None	NANO: <b>No</b>	ROLE: <b>Nickel</b>	10.7440 02 0			
MAMMALIAN  EU - R-phrases  R30 - Toxic by Inhabitation (gas, vapour, dust/mist)  CANCER  EU - R-phrases  R40 - Lamited Evidence of Carcinogenic Effects  SKIN SENSITIZE  EU - R-phrases  R41 - May cause sensitization by skin contact  CRIGAN TOXICANT  EU - R-phrases  R42 - Hamful to Aquatic Organisms  CANCER  LARC  Group 1 - Agent to Carcinogenic to humans  CANCER  LARC  Group 1 - Agent to Carcinogenic to humans  CANCER  LARC  Group 20 - Possibly carcinogenic to humans  CANCER  LARC  CANCER  LARC  Group 20 - Possibly carcinogenic to humans  CANCER  LARC  CAPFA - Prop 55  Carcinogenic To humans  CANCER  LUS DOC - Cocupational Carcinogens  CANCER  LUS NBH - Report an Carcinogens  Reasonably Articipated to be Human Carcinogen  Adhmagen (Afin) - sensitizer-induced - inhabible forms only  SKIN IRBITATION  EU - GRIS (H-Statements)  LAST - May cause an allergie skin reaction  CANCER  EU - GRIS (H-Statements)  HS17 - May cause an allergie skin reaction  CANCER  EU - GRIS (H-Statements)  HS17 - May cause an allergie skin reaction  CANCER  MAK  Carcinogen Group 1 - Substances in nan  RESPIRATORY  MAK  Sensitiving Substances Skin - Clarger of all-way & skin sensitization  10. 7440-864  **CANCER  **CANCER MAK  **Carcinogen Group 1 - Substances in nan  **RESPIRATORY  MAK  **Carcinogen Group 1 - Substances in nan  RESPIRATORY  MAK  **Carcinogen Group 1 - Substances in nan  **Total Component  **CANCER MAK  **Carcinogen Group 1 - Substances in nan  **Total Component  **Total Component  **Total Respiratory Action sensitization  **Total Sensitiving Substances Skin - Clarger of all-way & skin sensitization									
CANCER EU -R-phrases R45 - May cause sensitization by skin contact  SKIN SENSITIZE EU -R-phrases R45 - May cause sensitization by skin contact  ORGAN TOXICANT EU -R-phrases R46: Desper of serious damage to health by prolonged exposure.  ACUTE AGUATIC EU -R-phrases R52 - Hermful to Aquatic Organisme  CANCER IARC Group 1 - Agent is Carcinogenic to humans  CANCER IARC Group 2- Possibly carcinogenic to humans  CANCER IARC Group 2- Possibly carcinogenic to humans  CANCER US NH - Prop 65 Carcinogen  CANCER US NH - Prop 65 Carcinogen  CANCER US NH - Report of Carcinogenis Occupational Carcinogenis Occupational Carcinogeni  CANCER US NH - Report on Carcinogenis Reasonably Anticipated to be Human Carcinogeni  RESPIRATORY AOEC - Astimacegonis A				D02 Tayle by Inhelation (goal)	conque dust/mint\				
SKIN SENSITIZE EU-R-phrases R43 - May cause sensitization by skin contact  ORGAN TOXICANT  EU - R-phrases R68 - Danger of serious damage to health by protonged exposure.  ACUTE ACUATIO  EU - R-phrases R62 - Harmful to Aquatic Organisms  R62 - Harmful to Aquatic Organisms  R62 - Harmful to Aquatic Organisms  ARC  Group 1 - Agent is Carcinogenic to humans  CANCER  IARC  Group 2 b - Pessibly carcinogenic to humans  CANCER  LS COC - Occupational Carcinogens  CANCER  US COC - Occupational Carcinogens  CANCER  US NH - Report on Cercinogens  Ressonably Anticipated to be Human Carcinogen  RESPIRATORY  AOEC - Asthmagens  Authmagen (ARs) - sensitizer-induced - inhalable forms only  SINI IRRITATION  EU - GHS (H-Statements)  H317 - May cause an allergic skin reaction  CANCER  EU - GHS (H-Statements)  H317 - May cause an allergic skin reaction  CANCER  EU - GHS (H-Statements)  H317 - Supported of causing cancer  CANCER  MAK  Carcinogen Group 1 - Substances that cause cancer in man  RESPIRATORY  MAK  Sensitizing Substances Sah - Danger of airway & skin sensitization  **DATA-66-6**  **LO 1500 - 9.1000  GE LT-P1  **NO None  **NO None  **NO NONE Zinc  **NO NONE Zin									
ORGAN TOXICANT  EU - R-phrases  R48: Danger of serious damage to health by prolonged exposure.  ACUTE ADUATIC  EU - R-phrases  R52 - Hammful to Aquatic Organisms  GANCER  IARC  Group 1 - Agent is Carcinogenic to humans  CANCER  IARC  Group 29 - Possibly carcinogenic to humans  CANCER  CA EPA - Prop 65  Carcinogen  CANCER  US CDC - Occupational Carcinogens  CANCER  US NIH - Report on Carcinogens  CASTRIA (ARS)  SEPIRATORY  AOEC - Asthmagens  Asthmagen (ARs) - sensitizer-induced - inhalable forms only  SKINI RRITATION  EU - GHS (H-Statements)  H317 - May cause an altergic skin reaction  CANCER  EU - GHS (H-Statements)  H327 - Causes damage to organs through prolonged or repeated exposure  CANCER  MAK  Carcinogen Group 1 - Substances that cause cancer in man  RESPIRATORY  MAK  Sensitizing Substance Sah - Danger of airway & skin sensitization  DATA-66-6  ***O 1500 - 9,1000  GS LT-P1  RC None  MANC No ROLE Zinc									
CANCER IARC Group 1 - Agent its Carcinogenic to humans  CANCER IARC Group 2b - Possibly carcinogenic to humans  CANCER CANCER CASE CASE CASE CASE CASE CASE CASE CASE	ORGAN TOXICANT								
CANCER IARC CA EPA - Prop 65 Carcinogen  CANCER US CDC - Occupational Carcinogens Occupational Carcinogen  CANCER US NIH - Report on Carcinogens Reasonably Anticipated to be Human Carcinogen  CANCER US NIH - Report on Carcinogens Reasonably Anticipated to be Human Carcinogen  RESPIRATORY AOEC - Astimagens Astimagens Astimagen (ARs) - sensitizer-induced - inhalable forms only  SKIN IRRITATION EU - GHS (H-Statements) H317 - May cause an allergic skin reaction  CANCER EU - GHS (H-Statements) H351 - Suspected of causing cancer  ORGAN TOXICANT EU - GHS (H-Statements) H372 - Causes damage to organs through prolonged or repeated exposure  CANCER MAK Carcinogen Group 1 - Substances that cause cancer in man  RESPIRATORY MAK Sensitizing Substance Sah - Danger of airway & skin sensitization  ZINC ID 7440-66-6  NO 0.1500 - 9.1000 GS LT-P1 NO None NAMO: NO NOLE Zinc	ACUTE AQUATIC	EU - R-phrases		R52 - Harmful to Aquatic Organi	isms				
CANCER CA EPA - Prop 65 Carcinogen  CANCER US CDC - Occupational Carcinogens Occupational Carcinogen  CANCER US NIH - Report on Carcinogens Reasonably Anticipated to be Human Carcinogen  RESPIRATORY AOEC - Asthmagens Asthmagen (ARs) - sensitizer-induced - inhalable forms only  SKIN IRRITATION EU - GHS (H-Statements) H317 - May cause an altergic skin reaction  CANCER EU - GHS (H-Statements) H351 - Suspected of causing cancer  ORGAN TOXICANT EU - GHS (H-Statements) H372 - Causes damage to organs through prolonged or repeated exposure  CANCER MAK Carcinogen Group 1 - Substances that cause cancer in man  RESPIRATORY MAK Sensitizing Substance Sith - Danger of airway & skin sensitization  ZINC  ZINC  AGENCYRES WITH WARRANGS	CANCER	IARC		Group 1 - Agent is Carcinogenic	to humans				
CANCER US CDC - Occupational Carcinogens Occupational Carcinogen  CANCER US NIH - Report on Carcinogens Reasonably Anticipated to be Human Carcinogen  RESPIRATORY AOEC - Asthmagens Asthmagen (ARs) - sensitizer-induced - inhalable forms only  SKIN IRRITATION EU - GHS (H-Statements) H317 - May cause an allergic skin reaction  CANCER EU - GHS (H-Statements) H351 - Suspected of causing cancer  ORGAN TOXICANT EU - GHS (H-Statements) H372 - Causes damage to organs through prolonged or repeated exposure  CANCER MAK Carcinogen Group 1 - Substances that cause cancer in man  RESPIRATORY MAK Sensitizing Substance Sah - Danger of airway & skin sensitization  ZINC  ZINC  ACENCYPES WITH WARRINGS:  ACENCYPES WITH WARRINGS:	CANCER	IARC		Group 2b - Possibly carcinogen	ic to humans				
CANCER US NIH - Report on Carcinogens Reasonably Anticipated to be Human Carcinogen  RESPIRATORY AOEC - Asthmagens Asthmagen (ARs) - sensitizer-induced - inhalable forms only  SKIN IRRITATION EU - GHS (H-Statements) H317 - May cause an allergic skin reaction  CANCER EU - GHS (H-Statements) H361 - Suspected of causing cancer  ORGAN TOXICANT EU - GHS (H-Statements) H372 - Causes damage to organs through prolonged or repeated exposure  CANCER MAK Carcinogen Group 1 - Substances that cause cancer in man  RESPIRATORY MAK Sensitizing Substance Sah - Danger of airway & skin sensitization  ZINC  ZINC  NO. 0.1500 - 9.1000 GS: LT-P1 RC: None NANO: NO ROLE ZINC	CANCER	CA EPA - Prop 65		Carcinogen					
RESPIRATORY AOEC - Asthmagens Asthmagen (ARs) - sensitizer-induced - inhalable forms only  SKIN IRRITATION EU - GHS (H-Statements) H317 - May cause an allergic skin reaction  CANCER EU - GHS (H-Statements) H351 - Suspected of causing cancer  ORGAN TOXICANT EU - GHS (H-Statements) H372 - Causes damage to organs through prolonged or repeated exposure  CANCER MAK Carcinogen Group 1 - Substances that cause cancer in man  RESPIRATORY MAK Sensitizing Substance Sah - Danger of airway & skin sensitization  ZINC  ZINC  DE 7440-66-6  NO 0.1500 - 9.1000 GS LT-P1 RC: None NANO: No ROLE: Zinc	CANCER	US CDC - Occupational Carcinogens		Occupational Carcinogen					
SKIN IRRITATION EU - GHS (H-Statements) H317 - May cause an allergic skin reaction  CANCER EU - GHS (H-Statements) H351 - Suspected of causing cancer  ORGAN TOXICANT EU - GHS (H-Statements) H372 - Causes damage to organs through prolonged or repeated exposure  CANCER MAK Carcinogen Group 1 - Substances that cause cancer in man  RESPIRATORY MAK Sensitizing Substance Sah - Danger of airway & skin sensitization  SUBSTANCE NOTES Structural Component  ZINC ID: 7440-66-6  No 0.1500 - 9.1000 GS LT-P1 Ro: None NANO: No ROLE: Zinc	CANCER	US NIH - Report on Carcinogens		Reasonably Anticipated to be H	uman Carcinogen				
CANCER EU - GHS (H-Statements) H351 - Suspected of causing cancer ORGAN TOXICANT EU - GHS (H-Statements) H372 - Causes damage to organs through prolonged or repeated exposure CANCER MAK Carcinogen Group 1 - Substances that cause cancer in man RESPIRATORY MAK Sensitizing Substance Sah - Danger of airway & skin sensitization  SUBSTANCE NOTES: Structural Component  ZINC ID: 7440-66-6 %: 0.1500 - 9.1000 GS LT-P1 RC: None NANC: No ROLE: Zinc  MAZARDS: AGENCYIES WITH WARNINGS:	RESPIRATORY	AOEC - Asthmagens		Asthmagen (ARs) - sensitizer-inc	duced - inhalable forms only				
ORGAN TOXICANT  EU - GHS (H-Statements)  MAK  Carcinogen Group 1 - Substances that cause cancer in man  RESPIRATORY  MAK  Sensitizing Substance Sah - Danger of airway & skin sensitization  ID: 7440-66-6  %: 0.1500 - 9.1000  G& LT-P1  RC: None  NANO: No  ROLE: Zinc	SKIN IRRITATION	EU - GHS (H-Statements)		H317 - May cause an allergic sk	in reaction				
CANCER MAK Carcinogen Group 1 - Substances that cause cancer in man  RESPIRATORY MAK Sensitizing Substance Sah - Danger of airway & skin sensitization  SUBSTANCE NOTES: Structural Component  ZINC  DI: 7440-66-6  W: 0.1500 - 9.1000 GS: LT-P1 RC: None NANO: No ROLE: Zinc  HAZARDS: AGENCY ES  WITH WARNINGS:	CANCER	EU - GHS (H-Statements)		H351 - Suspected of causing ca	ncer				
RESPIRATORY  MAK  Sensitizing Substance Sah - Danger of airway & skin sensitization  SUBSTANCE NOTES: Structural Component  ID: 7440-66-6  %: 0.1500 - 9.1000  GS: LT-P1  RC: None  NANO: No  ROLE: Zinc  HAZARDS:  AGENCY(IES) WITH WARNINGS:	ORGAN TOXICANT	EU - GHS (H-Statements)		H372 - Causes damage to organ	ns through prolonged or repeated exposure				
SUBSTANCE NOTES: Structural Component  ZINC  ID: 7440-66-6  %: 0.1500 - 9.1000  GS: LT-P1  RC: None  NANO: No  ROLE: Zinc  HAZARDS:  AGENCY(IES) WITH WARNINGS:									
ZINC         ID: 7440-66-6           %: 0.1500 - 9.1000         GS: LT-P1         RC: None         NANO: No         ROLE: Zinc           HAZARDS:         AGENCY(JES) WITH WARNINGS:         AGENCY JESS WITH WARNINGS:         AGENCY JESS WITH WARNINGS:	RESPIRATORY	MAK		Sensitizing Substance Sah - Dar	nger of airway & skin sensitization				
ZINC         ID: 7440-66-6           %: 0.1500 - 9.1000         GS: LT-P1         RC: None         NANO: No         ROLE: Zinc           HAZARDS:         AGENCY(JES) WITH WARNINGS:         AGENCY JESS WITH WARNINGS:         AGENCY JESS WITH WARNINGS:	SUBSTANCE NOTES: Structural Component								
%: 0.1500 - 9.1000 GS: LT-P1 RC: None NANO: No ROLE: Zinc  HAZARDS: AGENCY(IES) WITH WARNINGS:	1								
%: 0.1500 - 9.1000 GS: LT-P1 RC: None NANO: No ROLE: Zinc  HAZARDS: AGENCY(IES) WITH WARNINGS:	ZINC					ID: <b>7440-66-</b> 6			
HAZARDS: AGENCY(JES) WITH WARNINGS:		GS: LT-P1	RC: None	NANO: <b>N</b> O	ROLE: <b>Zinc</b>				
			- <del></del>						
nou - very Toxic to Aquatic Organisms				R50 - Veny Toylo to Associa Co-	anieme				
	orton 6000 Door Operator	Lo - n-pillases		nou - very Toxic to Aquatic Org	allollo				

MATERIAL THRESHOLD: 1000 ppm		RESIDUALS AND IMPURITIES CON	SIDERED: No	
MOTOR GREASE		%: 19.9100 - 19.9100		HPD URL:
SUBSTANCE NOTES: Structural Component				
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H260 - In contact with water releases flammable gases	which may ignite spontaneously
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H250 - Catches fire spontaneously if exposed to air	
CHRON AQUATIC	EU - GHS (H-Statements)		H410 - Very toxic to aquatic life with long lasting effects	3
ACUTE AQUATIC	EU - GHS (H-Statements)		H400 - Very toxic to aquatic life	
RESPIRATORY	AOEC - Asthmagens		Asthmagen (ARs) - sensitizer-induced - inhalable forms	only

MOTOR GREASE		%: 19.910	00 - 19.9100	HPD URL:	
MATERIAL THRESHOLD: 1000 ppm		RESIDUALS A	AND IMPURITIES CONSIDERED:	No	
RESIDUALS AND IMPURITIES NOTES:					
OTHER MATERIAL NOTES:					
LITHIUM HYDROXIDE					ID: <b>1310-65-2</b>
%: 75.0000 - 85.0000	GS: LT-P1	RC: None	nano: <b>No</b>	ROLE: lithium hydroxide	
HAZARDS:	AGENCY(IES) WITH WARNINGS:				
MULTIPLE	German FEA - Substance	s Hazardous to Waters	Class 2	- Hazard to Waters	
SUBSTANCE NOTES: Motor Component					
1					
WHITE MINERAL OIL					ID: <b>8042-47-5</b>
%: 15.0000 - 25.0000	GS: LT-UNK	RC: None	nano: <b>No</b>	ROLE: WHITE MINERAL OIL	
HAZARDS:	AGENCY(IES) WITH WARNINGS:				
None Found	No warnings found on HP	PD Priority lists			
SUBSTANCE NOTES: Motor Component					
LITHIUM 12-HYDROXYSTEARATE					ID: <b>7620-77-1</b>
%: 1.0000 - 5.0000	GS: LT-UNK	RC: None	NANO: <b>No</b>	DLE: LITHIUM 12-HYDROXYSTEARATE	
HAZARDS:	AGENCY(IES) WITH WARNINGS:				
None Found	No warnings found on HP	PD Priority lists			
SUBSTANCE NOTES: Motor Component					
•					
MOTOR PAINT		%: 19.91	00 - 19.9100	HPD URL:	
MATERIAL THRESHOLD: 1000 ppm		RESIDUALS	AND IMPURITIES CONSIDERED:	No	
RESIDUALS AND IMPURITIES NOTES:					
OTHER MATERIAL NOTES:					
WATER					ID: <b>7732-18-5</b>
%: 65.0000 - 85.0000	gs: <b>UNK</b>	RC: None	NANO:	No ROLE: WATER	
HAZARDS:	AGENCY(IES) WITH WARNINGS:				
None Found	No warnings found on HP	PD Priority lists			
SUBSTANCE NOTES: Paint Component					
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TITANIUM DIOXIDE					ID: <b>13463-67-7</b>
					********
%: 10.0000 - 15.0000	GS: LT-1	RC: None	NANO: No	ROLE: Titanium dioxide	
		RC: None	nano: <b>No</b>	ROLE: <b>Titanium dioxide</b>	
HAZARDS:	AGENCY(IES) WITH WARNINGS:				
			Оссира	ROLE: Titanium dioxide  utional Carcinogen  ogen (form-specific or based on limited exposure pathways)	
HAZARDS:	AGENCY(JES) WITH WARNINGS:  US CDC - Occupational C		Occupa Carcino	ational Carcinogen	Durces
HAZARDS:  CANCER  CANCER	AGENCY(IES) WITH WARNINGS:  US CDC - Occupational C  CA EPA - Prop 65		Occupa Carcino Group 2	ational Carcinogen  gen (form-specific or based on limited exposure pathways)	

SUBSTANCE NOTES: Paint Component

IS-67-63-0

%: 1.0000 - 5.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Isopropyl Alcohol

HAZARDS:

EU - R-phrases

R36 - Irritating to eyes

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H225 - Highly flammable liquid and vapour

H319 - Causes serious eye irritation

H315 - Causes skin irritation

H318 - Causes serious eve damage

SUBSTANCE NOTES: Paint Component

EYE IRRITATION

SKIN IRRITATION

EYE IRRITATION

N-BUTANOI ID: **71-36-3** %: **1.0000 - 5.0000** GS: LT-UNK RC: None ROLE: N-BUTANOL NANO: No MAMMALIAN EU - R-phrases R22 - Harmful if Swallowed SKIN IRRITATION EU - R-phrases R38 - Irritating to skin EYE IRRITATION EU - R-phrases R41 - Risk of serious damage to eyes

SUBSTANCE NOTES: Paint Component

ETHYLENE GLYCOL MONOBUTYL ETHER (EGBE) ID: 111-76-2 %: **1.0000 - 5.0000** GS: LT-P1 RC: None NANO: No ROLE: Ethylene glycol monobutyl ether (EGBE) MAMMALIAN EU - R-phrases R20 - Harmful by Inhalation (gas or vapor or dust/mist) MAMMALIAN R21 - Harmful in Contact with Skin EU - R-phrases MAMMALIAN EU - R-phrases R22 - Harmful if Swallowed EYE IRRITATION EU - R-phrases R36 - Irritating to eyes SKIN IRRITATION EU - R-phrases R38 - Irritating to skin SKIN IRRITATION EU - GHS (H-Statements) H315 - Causes skin irritation EYE IRRITATION EU - GHS (H-Statements) H319 - Causes serious eye irritation ENDOCRINE TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor CANCER MAK Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: Paint Component

PROPYLENE GLYCOL MONOMETHYL ETHER (PGME)

%: 1.0000 - 5.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: PROPYLENE GLYCOL MONOMETHYL ETHER (PGME)

HAZARDS:

AGENCY(()ES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Paint Component

ELECTRONIC %: 8.3600 - 8.3600 HPD URL:

MATERIAL THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: No

EU - GHS (H-Statements)

EU - GHS (H-Statements)

EU - GHS (H-Statements)

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES: Material found in the following components: Main wiring harness; power connection harness; motor power harness; rocker switch; 3 position switch; fuse switch; potentiometer assembly; and PCB

PRINITED CIRCUIT BOARD ID: Not Registered

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists SUBSTANCE NOTES: No CAS number is assigned for electronic components AL384 / 413 %: 4.8400 - 4.8400 HPD URL: MATERIAL THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES NOTES: OTHER MATERIAL NOTES: ALUMINUM ID: 7429-90-5 %: **76.0500 - 85.7000** GS: LT-P1 RC: None ROLE: ALUMINUM RESPIRATORY AOEC - Asthmagens Asthmagen (ARs) - sensitizer-induced - inhalable forms only PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H228 - Flammable solid PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catches fire spontaneously if exposed to air PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H261 - In contact with water releases flammable gases ENDOCRINE TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H228 - Flammable solid PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catches fire spontaneously if exposed to air PHYSICAL HAZARD (REACTIVE) H261 - In contact with water releases flammable gases EU - GHS (H-Statements) PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H228 - Flammable solid PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catches fire spontaneously if exposed to air PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H261 - In contact with water releases flammable gases SUBSTANCE NOTES: Various Components SILICON ID: 7440-21-3 %: **10.5000 - 13.0000** GS: LT-UNK RC: None NANO: No ROLE: Silicon AGENCY(IES) WITH WARN None Found No warnings found on HPD Priority lists SUBSTANCE NOTES: Assembly Component IRON ID: 7439-89-6 %: **1.2000 - 2.0000** GS: LT-UNK RC: None NANO: No ROLE: IRON None Found No warnings found on HPD Priority lists SUBSTANCE NOTES: Various Components COPPER ID: **7440-50-8** %: 1.0000 - 4.5000 GS: LT-P1 RC: None NANO: No ROLE: COPPER AGENCY(IES) WITH WARNINGS: No warnings found on HPD Priority lists None Found SUBSTANCE NOTES: Various Components ID: 7440-02-0 %· 0.5000 - 0.5000 GS: I T-1 BC: None ΝΑΝΟ: Νο BOLE: Nickel MAMMALIAN EU - R-phrases R23 - Toxic by Inhalation (gas, vapour, dust/mist) CANCER EU - R-phrases R40 - Limited Evidence of Carcinogenic Effects SKIN SENSITIZE EU - R-phrases R43 - May cause sensitization by skin contact

EU - R-phrases

ORGAN TOXICANT

R48: Danger of serious damage to health by prolonged exposure.

	ACUTE AQUATIC	EU - R-phrases	R52 - Harmful to Aquatic Organisms
	CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
	CANCER	IARC	Group 2b - Possibly carcinogenic to humans
	CANCER	CA EPA - Prop 65	Carcinogen
	CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
	CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
	RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only
	SKIN IRRITATION	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
	CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
	ORGAN TOXICANT	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
	CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
	RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
- 1			

SUBSTANCE NOTES: Various Components

0.5000 - 3.0000	GS: LT-P1	RC: None	NANO: <b>No</b>	ROLE: ZINC		
HAZARDS:	AGENCY(IES) WITH WARNINGS:					
ACUTE AQUATIC	EU - R-phrases		R50 - Very Toxic to Aquatic Organism	ns		
RESPIRATORY	AOEC - Asthmagens		Asthmagen (ARs) - sensitizer-induce	d - inhalable forms only		
ACUTE AQUATIC	EU - GHS (H-Statements)		H400 - Very toxic to aquatic life			
CHRON AQUATIC	EU - GHS (H-Statements)		H410 - Very toxic to aquatic life with	long lasting effects		
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H250 - Catches fire spontaneously if	H250 - Catches fire spontaneously if exposed to air		
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H260 - In contact with water release	s flammable gases which may ignite spontar	eously	
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H250 - Catches fire spontaneously if	exposed to air		
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H260 - In contact with water release	s flammable gases which may ignite spontar	eously	
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H250 - Catches fire spontaneously if	exposed to air		
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H260 - In contact with water release	s flammable gases which may ignite spontar	eously	
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H250 - Catches fire spontaneously if	exposed to air		
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H260 - In contact with water release:	s flammable gases which may ignite spontar	eously	

MANGANESE

MANGANESE

St. 0.3500 - 0.5000

GS. LT-P1

RC: None

NANO: No

ROLE: Manganese

HAZARDS:

ENDOCRINE

TEDX - Potential Endocrine Disruptor

Potential Endocrine Disruptor

SUBSTANCE NOTES: Various Components

SUBSTANCE NOTES: Various Components

TIN					ID: <b>7440-31-5</b>		
%: 0.1500 - 0.3500	GS: LT-UNK	RC: None	nano: <b>No</b>	ROLE: <b>TIN</b>			
HAZARDS:	: AGENCY(ES) WITH WARNINGS:						
None Found No warnings found on HPD Priority lists							
CURRETANCE NOTES. Various Components	augustus vana Variaus Carranausta						

MAGNESIUM ID: **7439-95-4** ROLE: MAGNESIUM %: 0.1000 - 0.1000 GS: LT-UNK RC: None NANO: No PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catches fire spontaneously if exposed to air PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H260 - In contact with water releases flammable gases which may ignite spontaneously PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catches fire spontaneously if exposed to air PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H260 - In contact with water releases flammable gases which may ignite spontaneously

A401 CHROME SILICONE WIRE %: 3.8800 - 3.8800 HPD URL: MATERIAL THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: NO RESIDUALS AND IMPURITIES NOTES: OTHER MATERIAL NOTES: IRON ID: 7439-89-6 %: **97.4000 - 97.4000** GS: LT-UNK RC: None NANO: No ROLE: IRON None Found No warnings found on HPD Priority lists SUBSTANCE NOTES: Wiring Components SILICON ID: 7440-21-3 %: **1.3500 - 1.3500** ROLE: Silicon GS: LT-UNK RC: None NANO: No None Found No warnings found on HPD Priority lists SUBSTANCE NOTES: Wiring Components CHROMIUM ID: 7440-47-3 GS: LT-UNK %: 0.7000 - 0.7000 RC: None NANO: No ROLE: Chromium RESPIRATORY AOEC - Asthmagens Asthmagen (ARs) - sensitizer-induced - inhalable forms only SUBSTANCE NOTES: Wiring Component CARBON ID: 7440-44-0 %: **0.5500 - 0.5500** GS: LT-UNK RC: None NANO: **No** ROLE: Carbon HAZARDS: AGENCY(IES) WITH WARNINGS: None Found No warnings found on HPD Priority lists SUBSTANCE NOTES: Wiring Component ZINC-PLATED SCREW %: 1.9300 - 1.9300 HPD URL: MATERIAL THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: No RESIDUALS AND IMPURITIES NOTES: OTHER MATERIAL NOTES: ID: 7440-66-6 ROLE: ZINC %: 100.0000 - 100.0000 GS: LT-P1 RC: None NANO: NO ACUTE AQUATIC EU - R-phrases R50 - Very Toxic to Aquatic Organisms Asthmagen (ARs) - sensitizer-induced - inhalable forms only RESPIRATORY AOEC - Asthmagens ACUTE AQUATIC EU - GHS (H-Statements) H400 - Very toxic to aquatic life CHRON AQUATIC H410 - Very toxic to aquatic life with long lasting effects EU - GHS (H-Statements) PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catches fire spontaneously if exposed to air PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H260 - In contact with water releases flammable gases which may ignite spontaneously PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catches fire spontaneously if exposed to air PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H260 - In contact with water releases flammable gases which may ignite spontaneously PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catches fire spontaneously if exposed to air

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H260 - In contact with water releases flammable gases which may ignite spontaneously

H250 - Catches fire spontaneously if exposed to air

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H260 - In contact with water releases flammable gases which may ignite spontaneously

SUBSTANCE NOTES: Screw Component

CLOSER OIL %: 1.8200 - 1.8200 HPD URL:

MATERIAL THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES:

OTHER MATERIAL NOTES:								
DISTILLATES (PETROLEUM), SOLVENT-REFINED (MILD) LIGHT PARAFFINIC (9CI)								
%: 100.0000 - 100.0000	GS: LT-1	ROLE: DISTILLATES (PETROLEUM), SOLVENT-REFINED (MILD) LIGHT PARAFFINIC (9CI)						
HAZARDS:	AGENCY(IES) WITH WARNINGS:							
CANCER	EU - R-phrases			R45 - May cause cancer				
CANCER	EU - GHS (H-Statements)			H350 - May cause cancer				
CANCER	EU - REACH Annex XVII CMRs			Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man				
MULTIPLE	ChemSec - SIN List	ChemSec - SIN List		CMR - Carcinogen, Mutagen &/or Reproductive Toxicant				
CANCER	EU - Annex VI CMRs			Carcinogen Category 1B - Presumed Carcinogen based on animal evidence				

PVC SP-7107-T100 %: 1.3300 - 1.3300 HPD URL:

MATERIAL THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED; No

AGENCY(IES) WITH WARNINGS:

RESIDUALS AND IMPURITIES NOTES:

SUBSTANCE NOTES: Closer Oil Component

OTHER MATERIAL NOTES:

POLYVINYL CHLORIDE (PVC)					ID: 9002-86-2
%: 100.0000 - 100.0000	GS: LT-UNK	RC: None	NANO: <b>No</b>	ROLE: POLYVINYL CHLORIDE (PVC)	

RESPIRATORY AOEC - Asthmagens Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: End Cap Component

ZAMAC #3 %: 1.3000 - 1.3000 HPD URL:

MATERIAL THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES:

ZINC				ID: <b>7440-66</b>
%: 67.7000 - 96.1000	GS: LT-P1	RC: None	nano: <b>No</b>	ROLE: ZINC
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
ACUTE AQUATIC	EU - R-phrases		R50 - Very Toxic to Aquatic Organis	sms
RESPIRATORY	AOEC - Asthmagens		Asthmagen (ARs) - sensitizer-induc	ced - inhalable forms only
ACUTE AQUATIC	EU - GHS (H-Statements)	EU - GHS (H-Statements)		
CHRON AQUATIC	EU - GHS (H-Statements)		H410 - Very toxic to aquatic life with	th long lasting effects
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H250 - Catches fire spontaneously	if exposed to air
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H260 - In contact with water release	es flammable gases which may ignite spontaneously
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	EU - GHS (H-Statements)		if exposed to air
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H260 - In contact with water release	es flammable gases which may ignite spontaneously

SUBSTANCE NOTES: Pinion Component

ALUMINUM					ID: <b>7429-90-5</b>
%: 3.9000 - 28.0000	28.0000 GS: LT-P1 RC: Non		NANO: <b>No</b>	role: <b>Aluminum</b>	
HAZARDS:	AGENCY(IES) WITH WAR	AGENCY(IES) WITH WARNINGS:			
RESPIRATORY	AOEC - Asthmage	ns	Asthmagen (ARs) -	sensitizer-induced - inhalable forms only	
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-State	ements)	H228 - Flammable s	H228 - Flammable solid	
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-State	EU - GHS (H-Statements)		H250 - Catches fire spontaneously if exposed to air	
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-State	ements)	H261 - In contact w	ith water releases flammable gases	
ENDOCRINE	TEDX - Potential B	Endocrine Disruptors	Potential Endocrine	Disruptor	
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-State	ements)	H228 - Flammable s	H228 - Flammable solid	
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-State	EU - GHS (H-Statements)		H250 - Catches fire spontaneously if exposed to air	
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-State	ements)	H261 - In contact w	ith water releases flammable gases	

MAGNESIUM ID: 743						
%: 0.0200 - 0.1000	GS: LT-UNK	RC: None	nano: <b>No</b>	ROLE: MAGNESIUM		
HAZARDS:	AGENCY(IES) WITH WARNINGS:					
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	EU - GHS (H-Statements)		ontaneously if exposed to air		
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H260 - In contact with	water releases flammable gases which may ignite spontaneously		
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H250 - Catches fire spo	ontaneously if exposed to air		
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	U - GHS (H-Statements)		water releases flammable gases which may ignite spontaneously		

SUBSTANCE NOTES: Pinion Ring Component

SUBSTANCE NOTES: Pinion Ring Component

	COPPER							
	%: 0.0000 - 3.9000	GS: LT-P1	RC: None	nano: <b>No</b>	ROLE: COPPER			
	HAZARDS:	AGENCY(IES) WITH WARNINGS:						
	None Found No warnings found on HPD Priority lists							
SUBSTANCE NOTES: Pinion Ring Component								

AL6061-T1 ALUMINUM %: 1.0600 - 1.0600 HPD URL:

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED:  ${
m No}$ 

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES:

6: 97.4000 - 97.4000	GS: LT-P1	RC: None	nano: <b>No</b>	ROLE: ALUMINUM		
HAZARDS:	AGENCY(IES) WITH WARNINGS:					
RESPIRATORY	AOEC - Asthmagens		Asthmagen (ARs) - s	ensitizer-induced - inhalable forms only		
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	EU - GHS (H-Statements)		H228 - Flammable solid		
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	EU - GHS (H-Statements)		H250 - Catches fire spontaneously if exposed to air		
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	EU - GHS (H-Statements)		H261 - In contact with water releases flammable gases		
ENDOCRINE	TEDX - Potential Endocrine	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor		
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	EU - GHS (H-Statements)		lid		
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H250 - Catches fire s	H250 - Catches fire spontaneously if exposed to air		
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H261 - In contact wit	H261 - In contact with water releases flammable gases		
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H228 - Flammable so	H228 - Flammable solid		
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	EU - GHS (H-Statements)		H250 - Catches fire spontaneously if exposed to air		
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H261 - In contact wit	h water releases flammable gases		

SUBSTANCE NOTES: Various Components

### PHYSICAL HAZARD (#EACTIVE)	thes fire spontaneously if exposed to air  Intact with water releases flammable gases which may ignite spontaneously  thes fire spontaneously if exposed to air  Intact with water releases flammable gases which may ignite spontaneously  ID: 7440-  ANO: No ROLE: Silicon
PHYSICAL HAZARID   REACTIVE    EU - GRS   H-Statements    H250 - Cache   PHYSICAL HAZARID   REACTIVE    EU - GRS   H-Statements    H250 - In core   PHYSICAL HAZARID   REACTIVE    EU - GRS   H-Statements    H250 - In core   PHYSICAL HAZARID   REACTIVE    EU - GRS   H-Statements    H250 - In core   PHYSICAL HAZARID   REACTIVE    EU - GRS   H-Statements    H250 - In core   Statemant   H250 - In core   Magnetic   H250 - In core   M250	thes fire spontaneously if exposed to air short with water releases flammable gases which may ignite spontaneously intact with water releases flammable gases which may ignite spontaneously.  ID: 7440-
PHYSICAL HAZARD PREACTIVE  EU - GHS (H-Statements) H250 - In corr   PHYSICAL HAZARD PREACTIVE  EU - GHS (H-Statements) H250 - Culcit   PHYSICAL HAZARD PREACTIVE  EU - GHS (H-Statements) H250 - In corr   PHYSICAL HAZARD PREACTIVE  EU - GHS (H-Statements) H250 - In corr   PHYSICAL HAZARD PREACTIVE  EU - GHS (H-Statements) H250 - In corr   PHYSICAL HAZARD PREACTIVE  EU - GHS (H-Statements) H250 - In corr   PHYSICAL HAZARD PREACTIVE  EU - GHS (H-Statements) H250 - In corr   PHYSICAL HAZARD PREACTIVE  EU - GHS (H-Statements) H250 - In corr   PHYSICAL HAZARD PREACTIVE  EU - GHS (H-Statements) H250 - In corr   PHYSICAL HAZARD PREACTIVE  EU - GHS (H-Statements) H250 - In corr   PHYSICAL HAZARD PREACTIVE  EU - GHS (H-Statements) H250 - In corr   PHYSICAL HAZARD PREACTIVE  EU - GHS (H-Statements) H250 - In corr   PHYSICAL HAZARD PREACTIVE  EU - GHS (H-Statements) H250 - In corr	thes fire spontaneously if exposed to air short with water releases flammable gases which may ignite spontaneously intact with water releases flammable gases which may ignite spontaneously.  ID: 7440-
PHYSICAL HAZARD @EACTIVE    EU - GRE 61-Statements    H250 - Cuctor	thes fire spontaneously if exposed to air sontact with water releases flammable gases which may ignite spontaneously  ID: 7440-
PHYSICAL HAZARD (PEACTIVE)	ID: 7440-
ILLICON  DESCRIPTION Various Components  AUGUSTANCE NOTES Various Components  AUGUSTANCE NOTES Various Components  TTANUUM  DESCRIPTION VARIOUS Components  TTANUUM  AUGUSTANCE NOTES Various Components  None Found No warmings found on HPD Priority lists  BUBSTANCE NOTES Various Components  NONE  AUGUSTANCE NOTES Various Components  NONE  AUGUSTANCE NOTES Various Components  BU - GHS (H-Statements) HED - Catch Physical HAZARIO (REACTIVE) EU - GHS (H-Statements) HED - Catch Physical HAZARIO (REACTIVE) EU - GHS (H-Statements) HED - Catch Physical HAZARIO (REACTIVE) EU - GHS (H-Statements) HED - Catch Physical HAZARIO (REACTIVE) EU - GHS (H-Statements) HED - Catch Physical HAZARIO (REACTIVE) EU - GHS (H-Statements) HED - Catch Physical HAZARIO (REACTIVE) EU - GHS (H-Statements) HED - Catch Physical HAZARIO (REACTIVE) EU - GHS (H-Statements) HED - Catch Physical HAZARIO (REACTIVE) EU - GHS (H-Statements) HED - Catch Physical HAZARIO (REACTIVE) EU - GHS (H-Statements) HED - Catch Physical HAZARIO (REACTIVE) EU - GHS (H-Statements) HED - Catch Physical HAZARIO (REACTIVE) EU - GHS (H-Statements) HED - Catch Physical HAZARIO (REACTIVE) EU - GHS (H-Statements) HED - Catch Physical HAZARIO (REACTIVE) EU - GHS (H-Statements) HED - Catch Physical HAZARIO (REACTIVE) EU - GHS (H-Statements) HED - Catch Physical HAZARIO (REACTIVE) EU - GH	ID: <b>7440-</b> : ANO: <b>No</b> ROLE: <b>Silicon</b>
ADDITIONAL MANAGEMENT AND PRESCRIPTING MATERIAL PROPERTY AND PROPERTY	ANO: <b>No</b> ROLE: <b>Silicon</b>
ADDITIONAL MANAGEMENT AND PRESCRIPTING MATERIAL PROPERTY AND PROPERTY	ANO: <b>No</b> ROLE: <b>Silicon</b>
SUBSTANCE NOTES Various Components  TITANIUM  CO2500 - 0.2500  CO2 LT-UNK  NO warnings found on HPD Priority lists  DESTANCE NOTES Various Components  TITANIUM  CO2500 - 0.2500  CO2 LT-UNK  NO warnings found on HPD Priority lists  DESTANCE NOTES Various Components	ANO: <b>No</b> ROLE: <b>Silicon</b>
None Found No warnings found on HPD Priority lists  TTANIUM  1. 0.2500 - 0.2500	ID: <b>7440</b> -
None Found No warnings found on HPD Priority lists  ### TANIUM  ### C.0.2500 - 0.2500  ### C. 0.2500 -	
None Found No warnings found on HPD Priority lists  TANIUM  10.2500 - 0.2500 Gs LT-UNK no None NAME NAME NOTES Various Components  INC  10.2500 - 0.2500 Gs LT-P1 no None NAME NAME NAME NAME NAME NAME NAME NAME	
TANIUM  0.2500 - 0.2500	
12,500 - 0,2500   0s. LT-UNK	
INC  O.2500 - 0.2500  OS. LT-UNK  RC: None  NAME: None  AGRICUPED WITH WARRINGS  SUBSTANCE HOTES: Various Components  INC  O.2500 - 0.2500  OS. LT-P1  RC: None  NAME: Various Components  AGRICUPED WITH WARRINGS  AGRICUPED WITH WARRINGS  AGRICUPED WITH WARRINGS  AGRICUPED WITH WARRINGS  ACUTE AQUATIC  EU - R-phrases  R50 - Very Tc.  RESPIRATORY  ACUTE AQUATIC  EU - GHS (H-Statements)  H400 - Very t  CHRON AQUATIC  EU - GHS (H-Statements)  H410 - Very t  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - Catch  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor	
None Found No warnings found on HPD Priority lists  SUBSTANCE NOTES Various Components  No warnings found on HPD Priority lists  RESPANCE NOTES Various Components  SUBSTANCE NOTES Various Components  SUBSTANCE NOTES Various Components  No warnings found on HPD Priority lists  NO Warnings fou	O ROLE: TITANIUM
None Found  No warnings found on HPD Priority lists  SUBSTANCE NOTES: Various Components  SINC  10.2500 - 0.2500  SS. LT-P1  ACE None  ADEXCYPTES WITH WARNINGS  ADEXCYPTES WITH WARNINGS  ACUTE AQUATIC  EU - R-phrases  R50 - Very Tc.  RESPIRATORY  ADEC - Asthmagens  ACUTE AQUATIC  EU - GHS (H-Statements)  H400 - Very t  CHRON AQUATIC  EU - GHS (H-Statements)  H410 - Very t  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - Catch  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  SUBSTANCE NOTES: Various Components	
INC  1.0.2500 - 0.2500	
INCAPATIONS  AGENCYTES WITH WARRINGS  AGENCYTES WARRINGS  ASTHMAGEN (A  ACUTE AQUATIC  EU - GHS (H-Statements)  H400 - Very to  CHRON AQUATIC  EU - GHS (H-Statements)  H410 - Very to  CHRON AQUATIC  EU - GHS (H-Statements)  H250 - Catch  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor	
INC  1.0.2500 - 0.2500	
RESPIRATORY ACUTE AQUATIC EU - R-phrases RESPIRATORY ACUTE AQUATIC EU - GHS (H-Statements) H4400 - Very t CHRON AQUATIC EU - GHS (H-Statements) H4400 - Very t CHRON AQUATIC EU - GHS (H-Statements) H4400 - Very t CHRON AQUATIC EU - GHS (H-Statements) H450 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch	
RESPIRATORY ACUTE AQUATIC EU - R-phrases RESPIRATORY ACUTE AQUATIC EU - GHS (H-Statements) H4400 - Very t CHRON AQUATIC EU - GHS (H-Statements) H4400 - Very t CHRON AQUATIC EU - GHS (H-Statements) H4400 - Very t CHRON AQUATIC EU - GHS (H-Statements) H450 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch PHYSICAL HAZARD (REACTIVE) EU - GHS (H-Statements) H250 - Catch	
AGENCYPES WITH WARNENDS:  ACUTE AQUATIC  EU - R-phrases  ASthmagen ( ACUTE AQUATIC  EU - GHS (H-Statements)  H400 - Very to CHRON AQUATIC  EU - GHS (H-Statements)  H410 - Very to PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - Catch PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor	ID: <b>7440</b> -
ACUTE AQUATIC  EU - R-phrases  Asthmagen ( ACUTE AQUATIC  EU - GHS (H-Statements)  ACUTE AQUATIC  EU - GHS (H-Statements)  H400 - Very t  CHRON AQUATIC  EU - GHS (H-Statements)  H410 - Very t  CHRON AQUATIC  EU - GHS (H-Statements)  H250 - Catch  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  SUBSTANCE NOTES Various Components	ROLE: ZINC
RESPIRATORY  AOEC - Asthmagens  ASthmagen (A ACUTE AQUATIC  EU - GHS (H-Statements)  H400 - Very t CHRON AQUATIC  EU - GHS (H-Statements)  H410 - Very t PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - Catch PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - Catch PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - Catch PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - Catch PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - Catch PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - Catch PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - Catch PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con	
ACUTE AQUATIC  EU - GHS (H-Statements)  H400 - Very to CHRON AQUATIC  EU - GHS (H-Statements)  H410 - Very to PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - Catch  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con  SUBSTANCE NOTES: Various Components	Toxic to Aquatic Organisms
CHRON AQUATIC  EU - GHS (H-Statements)  H410 - Very to PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - Catch  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con	(ARs) - sensitizer-induced - inhalable forms only
PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - Catch PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con SUBSTANCE NOTES: Various Components	toxic to aquatic life
PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - In con PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - Catch PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - Catch PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - In con PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - Catch PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - Catch PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - In con PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - In con	toxic to aquatic life with long lasting effects
PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - Catch PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con SUBSTANCE NOTES: Various Components	hes fire spontaneously if exposed to air
PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - In con PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - Catch PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - Catch PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - In con SUBSTANCE NOTES: Various Components	ontact with water releases flammable gases which may ignite spontaneously
PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - Catch PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con SUBSTANCE NOTES: Various Components	hes fire spontaneously if exposed to air
PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In cor  SUBSTANCE NOTES: Various Components	ontact with water releases flammable gases which may ignite spontaneously
PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H250 - Catch  PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In con  SUBSTANCE NOTES: Various Components	hes fire spontaneously if exposed to air
PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In consumption of the consump	
PHYSICAL HAZARD (REACTIVE)  EU - GHS (H-Statements)  H260 - In consumption of the consump	ontact with water releases flammable gases which may ignite spontaneously
SUBSTANCE NOTES: Various Components	
	hes fire spontaneously if exposed to air
COPPER	
COPPER	hes fire spontaneously if exposed to air
	hes fire spontaneously if exposed to air
: 0.2400 - 0.2400 gs: LT-P1 gc: None NANO: No	thes fire spontaneously if exposed to air ontact with water releases flammable gases which may ignite spontaneously
HAZARDS: AGENCY(IES) WITH WARNINGS:	thes fire spontaneously if exposed to air ontact with water releases flammable gases which may ignite spontaneously
None Found No warnings found on HPD Priority lists	thes fire spontaneously if exposed to air ontact with water releases flammable gases which may ignite spontaneously
SUBSTANCE NOTES: Various Components	thes fire spontaneously if exposed to air ontact with water releases flammable gases which may ignite spontaneously
RON	thes fire spontaneously if exposed to air ontact with water releases flammable gases which may ignite spontaneously
: 0.2000 - 0.2000 gs: LT-UNK RC: None	thes fire spontaneously if exposed to air sontact with water releases flammable gases which may ignite spontaneously  ID: 7440- ROLE: COPPER
HAZARDS: AGENCY(IES) WITH WARNINGS:	thes fire spontaneously if exposed to air sontact with water releases flammable gases which may ignite spontaneously  ID: 7440- ROLE: COPPER
HAZARDS: AGENCYBES) WITH WARNINGS:  None Found No warnings found on HPD Priority lists	thes fire spontaneously if exposed to air ontact with water releases flammable gases which may ignite spontaneously  ID: 7440-

SUBSTANCE NOTES: Various Components CHROMIUM ID: 7440-47-3 %: **0.1900 - 0.1900** GS: LT-UNK RC: None NANO: No ROLE: Chromium AGENCY(IES) WITH WARNINGS: RESPIRATORY AOEC - Asthmagens Asthmagen (ARs) - sensitizer-induced - inhalable forms only SUBSTANCE NOTES: Various Components MANGANESE ID: 7439-96-5 %: 0.1000 - 0.1000 GS: LT-P1 RC: None NANO: No ROLE: Manganese HAZARDS: AGENCY(IES) WITH WARNINGS: ENDOCRINE TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor SUBSTANCE NOTES: Various Components **CHAIN TENSIONER** %: 0.6600 - 0.6600 HPD URL: MATERIAL THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: No RESIDUALS AND IMPURITIES NOTES: OTHER MATERIAL NOTES: POLYETHYLENE ID: 9002-88-4 %: 100.0000 - 100.0000 GS: LT-UNK NANO: No ROLE: POLYETHYLENE RC: None HAZARDS: AGENCY(IES) WITH WARNINGS: None Found No warnings found on HPD Priority lists SUBSTANCE NOTES: Chain Tensioner Component LUBRICOMP RAL %: 0.6600 - 0.6600 HPD URL: MATERIAL THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: No RESIDUALS AND IMPURITIES NOTES: OTHER MATERIAL NOTES: NYLON 6,6 ID: 32131-17-2 ROLE: NYLON 6,6 %: 74.0000 - 84.0000 GS: LT-UNK RC: None NANO: No No warnings found on HPD Priority lists None Found SUBSTANCE NOTES: Slider Component POLYTETRAFLUOROETHYLENE ID: 9002-84-0 %: 8.0000 - 18.0000 GS: LT-UNK RC: None NANO: No ROLE: Polymer HAZARDS: AGENCY(IES) WITH WARNINGS: No warnings found on HPD Priority lists None Found SUBSTANCE NOTES:

KEVLAR

ID: **26125-61-1** 

**PAPER** %: 0.4600 - 0.4600 HPD URL: MATERIAL THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: NoRESIDUALS AND IMPURITIES NOTES: OTHER MATERIAL NOTES: MIXED RECYCLED PAPER ID: Not registered %: 100.0000 - 100.0000 GS: UNK ROLE: Mixed recycled paper None Found No warnings found on HPD Priority lists SUBSTANCE NOTES: Label Component **LOCTITE 454 SEALANT** HPD URL: %: 0.3300 - 0.3300 MATERIAL THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: NO RESIDUALS AND IMPURITIES NOTES: OTHER MATERIAL NOTES: 2-PROPENOIC ACID,2-CYANO-, ETHYL ESTER (9CI) ID: **7085-85-0** %: 100.0000 - 100.0000 GS: LT-UNK RC: None NANO: No ROLE: 2-PROPENOIC ACID,2-CYANO-, ETHYL ESTER (9CI) AGENCY(IES) WITH WARNINGS: EYE IRRITATION EU - R-phrases R36 - Irritating to eyes SKIN IRRITATION EU - R-phrases R38 - Irritating to skin SKIN IRRITATION EU - GHS (H-Statements) H315 - Causes skin irritation EYE IRRITATION EU - GHS (H-Statements) H319 - Causes serious eye irritation SUBSTANCE NOTES: Sealant Component **POLYURETHANE BAR** %: 0.3300 - 0.3300 HPD URL: MATERIAL THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: No RESIDUALS AND IMPURITIES NOTES: OTHER MATERIAL NOTES: POLYURETHANE FOAMS ID: 9009-54-5 %: 100.0000 - 100.0000 GS: LT-UNK RC: None NANO: No ROLE: POLYURETHANE FOAMS HAZARDS: AGENCY(IES) WITH WARNINGS: None Found No warnings found on HPD Priority lists SUBSTANCE NOTES: Cushion Block Component **POWDER COAT** HPD URL: %: 0.2700 - 0.2700 MATERIAL THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: NO RESIDUALS AND IMPURITIES NOTES: LIMESTONE; CALCIUM CARBONATE (LIMESTONE; CALCIUM CARBONATE (CALCITE)) ID: 1317-65-3 %: 85.0000 - 90.0000 ROLE: LIMESTONE; CALCIUM CARBONATE GS: LT-UNK RC: None NANO: No AGENCY(IES) WITH WARNINGS: None Found No warnings found on HPD Priority lists SUBSTANCE NOTES: Powder Coat Component ALUMINUM OXIDE ID: 1344-28-1

%: 5.0000 - 5.0000	gs: LT-UNK	RC: None	NANO: <b>No</b>	ROLE: ALUMINUM OXIDE	
HAZARDS:	AGENCY(IES) WITH WARNINGS:				
RESPIRATORY	AOEC - Asthmagens		Asthmagen (ARs)	- sensitizer-induced - inhalable forms only	
SUBSTANCE NOTES: Powder Coat Component					
TITANIUM OXIDE					ID: <b>51745-87-0</b>
%: 5.0000 - 5.0000	GS: LT-UNK	RC: None	nano: <b>No</b>	ROLE: Titanium oxide	
HAZARDS:	AGENCY(IES) WITH WARNINGS:				
None Found	No warnings found on HPD Priority	/ lists			
SUBSTANCE NOTES: Powder Coat Component					
•					
ALUMINUM					ID: <b>7429-90-5</b>
%: 2.6500 - 2.6500	GS: LT-P1	RC: None	nano: <b>No</b>	ROLE: ALUMINUM	
HAZARDS:	AGENCY(IES) WITH WARNINGS:				
RESPIRATORY	AOEC - Asthmagens		Asthmagen (ARs)	- sensitizer-induced - inhalable forms only	
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H228 - Flammabl	e solid	
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H250 - Catches fi	ire spontaneously if exposed to air	
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H261 - In contact	with water releases flammable gases	
ENDOCRINE	TEDX - Potential Endocrine Disrup	tors	Potential Endocri	ine Disruptor	
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H228 - Flammable	e solid	
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H250 - Catches fi	ire spontaneously if exposed to air	
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H261 - In contact	with water releases flammable gases	
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H228 - Flammable		
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)			ire spontaneously if exposed to air	
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H261 - In contact	with water releases flammable gases	
SUBSTANCE NOTES: Powder Coat Component					
SESSIVE ROLLS, I OWGO GOOD GOTTONICH					

JET LUBE MARINE MOLY PASTE			%: 0.1700 - 0.1700		HPD URL:	
MATERIAL THRESHOLD: 1000 ppm			RESIDUALS AND IMPURITIES CONSIDER	ED: No		
RESIDUALS AND IMPURITIES NOTES:						
OTHER MATERIAL NOTES:						
PETROLEUM; CRUDE OIL						ID: Not registered
%: 100.0000 - 100.0000	GS: UNK	RC: None	nano: <b>No</b>	ROLE: Petroleum; Crude oil		
HAZARDS:	AGENCY(IES) WITH WARNINGS:					
None Found	No warnings found on HPD P	Priority lists				
SUBSTANCE NOTES: Lube Component						

ANODIZED ALUMINUM	%: 0.1500 - 0.150	0	HPD URL:				
MATERIAL THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES CONSIDERED: No						
RESIDUALS AND IMPURITIES NOTES:							
OTHER MATERIAL NOTES:							
ALUMINA TRIHYDRATE					ID: <b>21645-51-2</b>		
%: 100.0000 - 100.0000	GS: LT-UNK	RC: None	NANO: <b>No</b>	ROLE: Alumina trihydrate			
HAZARDS:	AGENCY(IES) WITH WARNINGS:						
RESPIRATORY	AOEC - Asthmagens		Asthmagen (ARs) - se	ensitizer-induced - inhalable forms only			
SUBSTANCE NOTES: Pulley Component							

NEOPRENE %: 0.1300 - 0.1300 HPD URL:

MATERIAL THRESHOLD: 1000 ppm
RESIDUALS AND IMPURITIES NOTES:

RESIDUALS AND IMPURITIES CONSIDERED: No

OTHER MATERIAL NOTES:

CHLOROPRENE (USE CAS RN: 126-99-8) 1D: 184963-09-5

%: 100.0000 - 100.0000 GS: UNK RC: None NANO: No ROLE: Chloroprene (USE CAS RN: 126-99-8)

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Belt Component

C36000 HALF HARD BRASS %: 0.1200 - 0.1200 HPD URL:

MATERIAL THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES:

COPPER 1D: 7440-50-8

%: 62.0000 - 62.0000 GS: LT-P1 RC: None NANO: NO ROLE: COPPER

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Various Components

ZINC 1D: 7440-66-6

%: 35.0000 - 35.0000	GS: LT-P1	RC: None	nano: <b>No</b>	ROLE: ZINC
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
ACUTE AQUATIC	EU - R-phrases		R50 - Very Toxic to Aquatic Organisms	
RESPIRATORY	AOEC - Asthmagens		Asthmagen (ARs) - sensitizer-induced - inhalable	forms only
ACUTE AQUATIC	EU - GHS (H-Statements)		H400 - Very toxic to aquatic life	
CHRON AQUATIC	EU - GHS (H-Statements)		H410 - Very toxic to aquatic life with long lasting	effects
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H250 - Catches fire spontaneously if exposed to	air
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H260 - In contact with water releases flammable	gases which may ignite spontaneously
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H250 - Catches fire spontaneously if exposed to	air
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H260 - In contact with water releases flammable	gases which may ignite spontaneously
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H250 - Catches fire spontaneously if exposed to	air
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H260 - In contact with water releases flammable	gases which may ignite spontaneously
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H250 - Catches fire spontaneously if exposed to	air
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)		H260 - In contact with water releases flammable	gases which may ignite spontaneously

SUBSTANCE NOTES: Various Components

LEAD 1D: 7439-92-1

	%: <b>3.0000 - 3.0000</b>	GS: LT-1	RC: None	nano: <b>No</b>	ROLE: <b>LEAD</b>
	HAZARDS:	AGENCY(IES) WITH WARNINGS:			
	MAMMALIAN	EU - R-phrases		R20 - Harmful by Inhalation (gas or vapor or due	st/mist)
	MAMMALIAN	EU - R-phrases		R22 - Harmful if Swallowed	
	ACUTE AQUATIC	EU - R-phrases		R50 - Very Toxic to Aquatic Organisms	
	DEVELOPMENTAL	EU - R-phrases		R61 - May cause harm to the unborn child	
	REPRODUCTIVE	EU - R-phrases		R62 - Possible risk of impaired fertility	
1	DEVELOPMENTAL	G&L - Neurotoxic Chemicals		Developmental Neurotoxicant	
	CANCER	US EPA - IRIS Carcinogens		(1986) Group B2 - Probable human Carcinogen	
- 1					

CANCER

IARC

Group 2a - Agent is probably Carcinogenic to humans

CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
РВТ	US EPA - Priority PBTs (NWMP)	Priority PBT
РВТ	WA DoE - PBT	РВТ
REPRODUCTIVE	CA EPA - Prop 65	Developmental Toxicity - Female
REPRODUCTIVE	CA EPA - Prop 65	Developmental Toxicity - Male
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
РВТ	US EPA - Priority PBTs (PPT)	Priority PBT
РВТ	US EPA - Toxics Release Inventory PBTs	РВТ
РВТ	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Chemical for Priority Action
РВТ	OR DEQ - Priority Persistent Pollutants	Priority Persistent Pollutant - Tier 1
DEVELOPMENTAL	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Developmental Toxicity
REPRODUCTIVE	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Reproductive Toxicity
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
DEVELOPMENTAL	EU - GHS (H-Statements)	H360Df - May damage the unborn child. Suspected of damaging fertility
REPRODUCTIVE	EU - REACH Annex XVII CMRs	Toxic to Reproduction Category 1 - Substances known to impair fertility or cause Developmental Toxicity in humans
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1A

SUBSTANCE NOTES: Ball- Closer Assembly Component

NITRILE RUBBER HPD URL: %: 0.0100 - 0.0100 MATERIAL THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: No RESIDUALS AND IMPURITIES NOTES: OTHER MATERIAL NOTES: NITRILES, C14-18 ID: 68002-66-4 %: 100.0000 - 100.0000 GS: LT-P1 RC: None NANO: No ROLE: nitriles, C14-18 AGENCY(IES) WITH WARNINGS: MULTIPLE Class 2 - Hazard to Waters German FEA - Substances Hazardous to Waters SUBSTANCE NOTES: Roller Bearing Component- Closer Assembly

LOCTITE 2047 SEALANT %: 0.0100 - 0.0100 HPD URL:

MATERIAL THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES:

(1-METHYLETHYLIDENE)BIS(4,1-PHENYLENEOXY-2,1-ETHANEDIYL) BISMETHACRYLATE

ID: 24448-20-2

%: 60.0000 - 100.0000 GS: LT-UNK RC: None NANO: No ROLE: (1-methylethylidene)bis(4,1-phenyleneoxy-2,1-ethanediyl) bismethacrylate

HAZARDS: AGENCY(IES) WITH WARNINGS:

SKIN SENSITIZE	MAK			Sensitizing Substance Sh - Danger of sk	sin sensitization	
SUBSTANCE NOTES: Sealant Component						
,2-PROPANEDIOL, 2-METHYL, MONOMETHA	CRYLATE					ID: <b>27813-0</b> 2
: 1.0000 - 5.0000	GS: LT-UNK	RC: None	nano: <b>No</b>	ROLE: 1,2-PROPANEDIOL, 2-METHYL, N	MONOMETHACRYLATE	
HAZARDS:	AGENCY(IES) WITH WARNINGS:					
None Found	No warnings found on HPD	Priority lists				
SUBSTANCE NOTES: Sealant Component						
OLYTETRAFLUOROETHYLENE						ID: <b>9002-8</b>
: 1.0000 - 5.0000	GS: LT-UNK	RC: None	nano: <b>No</b>	ROLE: POLYTETRAFLUOROET	THYLENE	
HAZARDS:	AGENCY(IES) WITH WARNINGS:					
None Found	No warnings found on HPD	Priority lists				
SUBSTANCE NOTES: Sealant Component						
UMENE HYDROPEROXIDE						ID: <b>80-1</b>
: 1.0000 - 5.0000	GS: LT-P1	RC: None	NANO: <b>No</b>	ROLE: CUMENE HYDROPERO	OXIDE	
HAZARDS:	AGENCY(IES) WITH WARNINGS:					
MAMMALIAN	EU - R-phrases			R20 - Harmful by Inhalation (gas or vapo	or or dust/mist)	
MAMMALIAN	EU - R-phrases			R21 - Harmful in Contact with Skin		
MAMMALIAN	EU - R-phrases			R22 - Harmful if Swallowed		
MAMMALIAN	EU - R-phrases			R23 - Toxic by Inhalation (gas, vapour, d	dust/mist)	
SKIN IRRITATION	EU - R-phrases			R34 - Causes burns		
DRGAN TOXICANT	EU - R-phrases			R48: Danger of serious damage to health	h by prolonged exposure.	
ACUTE AQUATIC	EU - R-phrases			R51 - Toxic to Aquatic Organisms		
CHRON AQUATIC	EU - GHS (H-Statements)			H411 - Toxic to aquatic life with long las	sting effects	
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)			H242 - Heating may cause a fire		
SKIN IRRITATION	EU - GHS (H-Statements)			H314 - Causes severe skin burns and ey	ve damage	
MAMMALIAN	EU - GHS (H-Statements)			H331 - Toxic if inhaled		
MULTIPLE	German FEA - Substances	Hazardous to Waters		Class 2 - Hazard to Waters		
SUBSTANCE NOTES: Sealant Component						
UMED SILICA, CRYSTALLINE-FREE (FUMED	SILICA, CRYSTALLINE-FREE)					ID: <b>112945-5</b>
: 1.0000 - 5.0000	GS: LT-UNK		RC: None	NANO: No ROLE: FUMED SILI	CA, CRYSTALLINE-FREE	
HAZARDS:	AGENCY(IES) WITH WARNINGS:					
None Found	No warnings found on HPD	Priority lists				
SUBSTANCE NOTES: Sealant Component						
UMENE						ID: <b>98-8</b>
: 0.1000 - 1.0000	GS: LT-1	RC: None		NANO: <b>No</b>	ROLE: CUMENE	
HAZARDS:	AGENCY(IES) WITH WARNINGS:					
ACUTE AQUATIC	EU - R-phrases			R51 - Toxic to Aquatic Organisms		
CANCER	IARC			Group 2b - Possibly carcinogenic to hun	mans	
CANCER	CA EPA - Prop 65			Carcinogen		
· · · · · · · · · · · · · · · · · · ·	US NIH - Report on Carcino	ogens		Reasonably Anticipated to be Human Ca	arcinogen	
CANCER	iport on odioliic	<u> </u>		H411 - Toxic to aquatic life with long las		
	EU - GHS (H-Statements)					
CHRON AQUATIC	EU - GHS (H-Statements)			H304: May be fetal if awallawed as 1	are airwave	
CHRON AQUATIC	EU - GHS (H-Statements)	Disruptors		H304: May be fatal if swallowed and ent	ers airways	
CANCER CHRON AQUATIC  MAMMALIAN  ENDOCRINE  CANCER		Disruptors		H304: May be fatal if swallowed and ent Potential Endocrine Disruptor  Carcinogen Group 3B - Evidence of carc		classification

PHENYLHYDRAZINE				ID: <b>10</b>	00-63-0
%: <b>0.1000 - 1.0000</b>	GS: LT-1	RC: None	NANO: <b>No</b>	ROLE: PHENYLHYDRAZINE	
HAZARDS:	AGENCY(IES) WITH WARNINGS:				
MAMMALIAN	EU - R-phrases			R23 - Toxic by Inhalation (gas, vapour, dust/mist)	
MAMMALIAN	EU - R-phrases			R24 - Toxic in Contact with Skin	
MAMMALIAN	EU - R-phrases			R25 - Toxic if Swallowed	
EYE IRRITATION	EU - R-phrases			R36 - Irritating to eyes	
SKIN IRRITATION	EU - R-phrases			R38 - Irritating to skin	
SKIN SENSITIZE	EU - R-phrases			R43 - May cause sensitization by skin contact	
CANCER	EU - R-phrases			R45 - May cause cancer	
ORGAN TOXICANT	EU - R-phrases			R48: Danger of serious damage to health by prolonged exposure.	
ACUTE AQUATIC	EU - R-phrases			R50 - Very Toxic to Aquatic Organisms	
CANCER	CA EPA - Prop 65			Carcinogen	
GENE MUTATION	EU - R-phrases			R68 - May cause irreversible effects	
CANCER	US CDC - Occupational Car	cinogens		Occupational Carcinogen	
ACUTE AQUATIC	EU - GHS (H-Statements)			H400 - Very toxic to aquatic life	
MAMMALIAN	EU - GHS (H-Statements)			H301 - Toxic if swallowed	
MAMMALIAN	EU - GHS (H-Statements)			H311 - Toxic in contact with skin	
SKIN IRRITATION	EU - GHS (H-Statements)			H315 - Causes skin irritation	
SKIN IRRITATION	EU - GHS (H-Statements)			H317 - May cause an allergic skin reaction	
EYE IRRITATION	EU - GHS (H-Statements)			H319 - Causes serious eye irritation	
MAMMALIAN	EU - GHS (H-Statements)			H331 - Toxic if inhaled	
GENE MUTATION	EU - GHS (H-Statements)			H341 - Suspected of causing genetic defects	
CANCER	EU - GHS (H-Statements)			H350 - May cause cancer	
ORGAN TOXICANT	EU - GHS (H-Statements)			H372 - Causes damage to organs through prolonged or repeated exposure	
CANCER	EU - REACH Annex XVII CM	Rs		Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to m	ian
MULTIPLE	ChemSec - SIN List			CMR - Carcinogen, Mutagen &/or Reproductive Toxicant	
CANCER	MAK			Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification	
SKIN SENSITIZE	MAK			Sensitizing Substance Sh - Danger of skin sensitization	
CANCER	EU - Annex VI CMRs			Carcinogen Category 1B - Presumed Carcinogen based on animal evidence	

MATERIAL THRESHOLD: 1000 ppm		RESID	DUALS AND IMPURITIE	s considered: <b>No</b>	
RESIDUALS AND IMPURITIES NOTES:					
OTHER MATERIAL NOTES:					
2-PROPENOIC ACID,2-CYANO-, ETHYL ESTER (9CI)					ID: <b>7085-85-0</b>
%: <b>85.0000 - 90.0000</b>	GS: LT-UNK	RC: None	nano: <b>No</b>	ROLE: 2-PROPENOIC ACID,2-CYANO-, ETHYL ESTER (9CI)	
HAZARDS:	AGENCY(IES) WITH WARNINGS:				
EYE IRRITATION	EU - R-phrases			R36 - Irritating to eyes	
SKIN IRRITATION	EU - R-phrases			R38 - Irritating to skin	
SKIN IRRITATION	EU - GHS (H-Statements)			H315 - Causes skin irritation	
EYE IRRITATION	EU - GHS (H-Statements)			H319 - Causes serious eye irritation	
SUBSTANCE NOTES: Sealant Component					

%: 0.0000

POLYMETHYL METHACRYLATE (PMMA)

%: 10.0000 - 15.0000

Gs: LT-UNK

RC: None

NANO: No

ROLE: POLYMETHYL METHACRYLATE (PMMA)

HAZARDS:

AGENCYIES) WITH WARNINGS:

SUBSTANCE NOTES: Sealant Component

**LOCTITE 416 SEALANT** 

HPD URL:

	RESPIRATORY	AOEC - Asthmagens			Asthmagen (Rs) - sensitizer-induced	
Ш	SUBSTANCE NOTES: Sealant Component					
	HYDROQUINONE				ID	: 123-31-9
	%: <b>0.1000 - 1.0000</b>	GS: <b>LT-1</b>	RC: None	nano: <b>No</b>	ROLE: HYDROQUINONE	
	HAZARDS:	AGENCY(IES) WITH WARNINGS:				
	MAMMALIAN	EU - R-phrases			R22 - Harmful if Swallowed	
	CANCER	EU - R-phrases			R40 - Limited Evidence of Carcinogenic Effects	
	EYE IRRITATION	EU - R-phrases			R41 - Risk of serious damage to eyes	
	SKIN SENSITIZE	EU - R-phrases			R43 - May cause sensitization by skin contact	
	ACUTE AQUATIC	EU - R-phrases			R50 - Very Toxic to Aquatic Organisms	
	GENE MUTATION	EU - R-phrases			R68 - May cause irreversible effects	
	ACUTE AQUATIC	EU - GHS (H-Statements)			H400 - Very toxic to aquatic life M = 10	
	SKIN IRRITATION	EU - GHS (H-Statements)			H317 - May cause an allergic skin reaction	
	EYE IRRITATION	EU - GHS (H-Statements)			H318 - Causes serious eye damage	
	GENE MUTATION	EU - GHS (H-Statements)			H341 - Suspected of causing genetic defects	
	CANCER	EU - GHS (H-Statements)			H351 - Suspected of causing cancer	
	ENDOCRINE	TEDX - Potential Endocrine Dis	sruptors		Potential Endocrine Disruptor	
	MULTIPLE	German FEA - Substances Haz	zardous to Waters		Class 3 - Severe Hazard to Waters	
	CANCER	MAK			Carcinogen Group 2 - Considered to be carcinogenic for man	
	SKIN SENSITIZE	MAK			Sensitizing Substance Sh - Danger of skin sensitization	
	SUBSTANCE NOTES: Sealant Component					

MYLAR			%: 0.0000	HPD URL:			
MATERIAL THRESHOLD: 1000 ppm			residuals and impurities considered: No				
RESIDUALS AND IMPURITIES NOTES:							
OTHER MATERIAL NOTES:							
POLYETHYLENE TEREPHTHALATE (PET)					ID: <b>25038-59-9</b>		
%: 100.0000 - 100.0000	GS: LT-UNK	RC: None	nano: <b>No</b>	ROLE: POLYETHYLENE TEREPHTHALATE (PET)			
HAZARDS:	AGENCY(IES) WITH WARNINGS:						
None Found	No warnings found on HPD Priority lists						
SUBSTANCE NOTES: Retaining Ring Component							

OCTITE 242 SEALANT		%: 0.0000		HPD URL:			
ATERIAL THRESHOLD: 1000 ppm		RESIDUALS AND IMPURITI	RESIDUALS AND IMPURITIES CONSIDERED: No				
SIDUALS AND IMPURITIES NOTES:							
HER MATERIAL NOTES:							
HYDROGEL					ID: 25852-47-		
%: 60.0000 - 60.0000	GS: LT-UNK	RC: None	NANO: <b>No</b>	ROLE: hydrogel			
HAZARDS:	AGENCY(IES) WITH WARNINGS:						
None Found	No warnings found on HPD P	No warnings found on HPD Priority lists					
SUBSTANCE NOTES: Sealant Component							
14-HYDROXY-3,6,9,12-TETRAOXATETRADI	EC-1-YL-9-OCTADECENOIC ACID				ID: <b>9004-96-</b>		
%: 10.0000 - 30.0000	GS: LT-UNK	RC: <b>None</b> NANO: <b>No</b> F	ROLE: 14-HYDROXY-3,6,9,12-TETRAC	XATETRADEC-1-YL-9-OCTADECENOIC ACII	ס		
HAZARDS:	AGENCY(IES) WITH WARNINGS:						
None Found	No warnings found on HPD P	viavity lists					

CUMENE HYDROPEROXIDE					ID: <b>80-15-9</b>	
%: 1.0000 - 5.0000	GS: LT-P1	RC: None	nano: <b>No</b>	ROLE: CUMENE HYDROPEROXIDE		
HAZARDS:	AGENCY(IES) WITH WARNINGS:					
MAMMALIAN	EU - R-phrases	EU - R-phrases		R20 - Harmful by Inhalation (gas or vapor or dust/mist)		
MAMMALIAN	EU - R-phrases	EU - R-phrases		R21 - Harmful in Contact with Skin		
MAMMALIAN	EU - R-phrases	EU - R-phrases		R22 - Harmful if Swallowed		
MAMMALIAN	EU - R-phrases	EU - R-phrases		R23 - Toxic by Inhalation (gas, vapour, dust/mist)		
SKIN IRRITATION	EU - R-phrases	EU - R-phrases		R34 - Causes burns		
ORGAN TOXICANT	EU - R-phrases	EU - R-phrases		R48: Danger of serious damage to health by prolonged exposure.		
ACUTE AQUATIC	EU - R-phrases	EU - R-phrases		R51 - Toxic to Aquatic Organisms		
CHRON AQUATIC	EU - GHS (H-Statemen	EU - GHS (H-Statements)		H411 - Toxic to aquatic life with long lasting effects		
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statemen	EU - GHS (H-Statements)		H242 - Heating may cause a fire		
SKIN IRRITATION	EU - GHS (H-Statemen	EU - GHS (H-Statements)		H314 - Causes severe skin burns and eye damage		
MAMMALIAN	EU - GHS (H-Statemen	EU - GHS (H-Statements)		H331 - Toxic if inhaled		
MULTIPLE	German FEA - Substan	German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters		
SUBSTANCE NOTES: Sealant Component						

PROPYLENE GLYCOL						
%: 1.0000 - 5.0000	GS: LT-UNK	RC: None	nano: <b>No</b>	ROLE: PROPYLENE GLYCOL		
HAZARDS:	AGENCY(IES) WITH WARNINGS:					
None Found	No warnings found on HPD Priority lists					
surresular versa Saalant Commonant						

# Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

LCA Environm Declaration

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: NA

DATE: CERTIFICATE URL: 2015-04-10

 $http://www.assaabloydss.com/Local/DSS/Sustainability/EPD/Mutual%20Listings/Locks%20 and \%20 Hardware/114.1\_ASSA \%20 ABLOY\_mrEPD\_Norton%20 6000 \%20 series \%20\_20150417.pdf$ 

CERTIFICATION AND COMPLIANCE NOTES:

OTHER Declare Label

CERTIFIER OR LAB: ILFI CERTIFYING PARTY: Third Party ISSUE DATE: 2015-EXPIRY DATE: APPLICABLE FACILITIES: NA 10-01 2016-10-01

http://www.assaabloydss.com/Local/DSS/Sustainability/Declare/Declare%20Labels/NORTON%206000%20DOR%20OPERATOR.jpg

CERTIFICATION AND COMPLIANCE NOTES:



This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

No accessories are required for this product.

## **Section 5: General Notes**

Residuals not considered as impacts are not considered to be significant

ISSUE

## MANUFACTURER INFORMATION

MANUFACTURER: Assa Abloy

ADDRESS: 110 Sargent Drive

New Haven CT 06511, United States

WEBSITE: www.assaabloydss.com/sustainability

CONTACT NAME: Amy Vigneux

TITLE: Manager, Sustainable Building Solutions

PHONE: 2036035919

EMAIL: amy.vigneux@assaabloy.com

KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

AQU Aquatic toxicity **CAN** Cancer

**DEV** Developmental toxicity

**END** Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

BM-4 Benchmark 4 (prefer-safer chemical)

BM-3 Benchmark 3 (use but still opportunity for improvement) BM-2 Benchmark 2 (use but search for safer substitutes)

BM-1 Benchmark 1 (avoid - chemical of high concern) BM-U Benchmark Unspecified (insuficient data to benchmark)

Recycled Types

PreC Preconsumer (Post-Industrial)

PostC Postconsumer

Both Both Preconsumer and Postconsumer

Unk Inclusion of recycled content is unknown

None Does not include recycled content

Other Terms

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material Nested Method / Product Threshold Substances listed within each material per threshold indicated per product Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology

Third Party Verified Verification by independent certifier approved by HPDC

Preparer Third party preparer, if not self-prepared by manufacturer Applicable facilities Manufacturing sites to which testing applies

GLO Global warming

MAM Mammalian/systemic/organ toxicity

MUL Multiple hazards **NEU** Neurotoxicity

OZO Ozone depletion

PRT Persistent Bioaccumulative Toxic

PHY Physical Hazard (reactive) **REP** Reproductive toxicity RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

**LAN** Land Toxicity

NF Not found on Priority Hazard Lists

LT-P1 List Translator Possible Benchmark 1 LT-1 List Translator Likely Benchmark 1

LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark) NoGS Unknown (no data on List Translator Lists)

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- a method for the assessment of exposure or risk associated with product handling or use
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.