

EQUITY RESEARCH TEAM



<p>Oil & Gas Exploration & Production Mike Kelly, CFA 713.658.6302</p> <p>Energy Infrastructure/MLPs Sunil Sibal 646.832.3226</p> <p>Gas Utilities; Coal; Railroads Mark Levin 804.939.5262</p>	<p>Specialty Chemicals; Coatings Michael Harrison, CFA 312.706.2717</p> <p>Airfreight & Logistics; Maritime Transportation; Trucking Kevin Sterling, CFA 804.939.5269</p> <p>Aerospace & Defense Josh Sullivan 646.832.3237</p> <p>Automotive Michael Ward, CFA 212.949.1484</p>	<p>Diversified Industrials; Flow Control Walt Liptak 312.706.2704</p> <p>Building Products & Furnishings Matt McCall, CFA 804.939.5277 Reuben Garner, CFA 804.939.5266</p> <p>Paper & Forest Products; Building Products; Homebuilders Mark Weintraub 646.264.5602</p> <p>Cannabis; Ingredients Brett Hundley, CFA 804.939.5268</p>
<p>Director of Equity Research Justin Cable 949.274.8055</p> <p>Research Offices New York Chicago Houston Richmond Costa Mesa</p>	<p>Equity Sales & Trading Toll Free 855.447.3100</p> <p>Co-Head of Equity Sales; Head of Equity Trading Scott Lynch 646.264.5604</p> <p>Co-Head of Equity Sales Tim Arthurs 312.706.2701</p>	<p>Equity Research Library http://sgslibrary.bluematrix.com/client/login.jsp (login required)</p> <p>Seaport Global website www.seaportglobal.com</p>

EQUITY COVERAGE UNIVERSE



Oil & Gas Exploration & Production		Energy Infrastructure/MLPs
<p align="center">Mike Kelly, CFA Partner, Head of E&P Research 713.658.6302 mkelly@seaportglobal.com</p>		<p align="center">Sunil Sibal Managing Director Senior Analyst 646.832.3226 ssibal@seaportglobal.com</p>
<p>Abraxas Petroleum Corp. (AXAS) Apache Corp. (APA) Brigham Minerals, Inc. (MNRL) Cabot Oil & Gas Corp. (COG) Callon Petroleum Company (CPE) Carrizo Oil & Gas, Inc. (CRZO) Centennial Resource Development Inc. (CDEV) Cimarex Energy Corp. (XEC) Comstock Resources, Inc. (CRK) Concho Resources Inc. (CXO) Continental Resources, Inc. (CLR) Devon Energy Corp. (DVN) Diamondback Energy, Inc. (FANG) Earthstone Energy, Inc. (ESTE) Goodrich Petroleum Corp. (GDP) HighPoint Resources Corporation (HPR) Jagged Peak Energy Inc. (JAG)</p>	<p>Lilis Energy, Inc. (LLEX) Lonestar Resources Ltd. (LONE) Marathon Oil Corp. (MRO) Matador Resources Company (MTDR) Northern Oil and Gas, Inc. (NOG) Parsley Energy, Inc. (PE) PDC Energy Inc. (PDCE) Pioneer Natural Resources Company (PXD) Rosehill Resources Inc. (ROSE) SM Energy Company (SM) Sundance Energy Corporation (SNDE) Talos Energy Inc. (TALO) W&T Offshore, Inc. (WTI) Whiting Petroleum Corp. (WLL) WildHorse Resource Development Corporation (WRD) WPX Energy, Inc. (WPX)</p>	<p>ONEOK Inc. (OKE) Plains All American Pipeline, L.P. (PAA) Plains GP Holdings, L.P. (PAGP) Rattler Midstream LP (RTLRL) Targa Resources Corp (TRGP) Tellurian Inc. (TELL) Williams Companies, Inc. (WMB)</p>

EQUITY COVERAGE UNIVERSE



Coal; Gas Utilities; Railroads; Steel	Specialty Chemicals; Coatings
<p>Mark A. Levin Managing Director Senior Analyst 804.939.5262 malevin@seaportglobal.com</p>	<p>Michael Harrison, CFA Managing Director Senior Analyst 312.706.2717 mharrison@seaportglobal.com</p>
<p>Coal Alliance Resource Partners LP (ARLP) Arch Coal, Inc. (ARCH) CONSOL Coal Resources LP (CCR) CONSOL Energy Inc. (CEIX) Contura Energy, Inc. (CTRA) Natural Resource Partners LP (NRP) Peabody Energy Corporation (BTU) Ramaco Resources, Inc (METC) SunCoke Energy, Inc. (SXC) Teck Resources Limited (TECK) Warrior Met Coal, Inc. (HCC)</p> <p>Railroads Canadian National Railway (CNI) Canadian Pacific Railway Limited (CP) CSX Corporation (CSX) Kansas City Southern (KSU) Norfolk Southern Corp. (NSC) Union Pacific Corporation (UNP)</p> <p>Metals & Mining Cleveland-Cliffs Inc. (CLF)</p>	<p>Specialty Chemicals Air Products & Chemicals Inc. (APD) Albemarle Corporation (ALB) Ashland Inc. (ASH) Cabot Microelectronics Corporation (CCMP) Ecolab Inc. (ECL) Entegris Inc. (ENTG) Ferro Corporation (FOE) FMC Corp. (FMC) GCP Applied Technologies Inc. (GCP) HB Fuller Co. (FUL) Huntsman Corporation (HUN) Koppers Holdings Inc. (KOP) Linde plc (LIN) Livent Corporation (LTHM) PolyOne Corporation (POL) Quaker Chemical Corp. (KWR) Stepan Company (SCL) W. R. Grace & Co. (GRA) Valvoline Inc. (VVV)</p> <p>Coatings Axalta Coating Systems Ltd. (AXTA) PPG Industries Inc. (PPG) RPM International Inc. (RPM) Sherwin-Williams Company (SHW)</p> <p>Other Par Pacific Holdings, Inc. (PARR)</p>

EQUITY COVERAGE UNIVERSE



Airfreight & Logistics; Maritime; Trucking	Automotive
<p style="text-align: center;">Kevin Sterling, CFA Managing Director Senior Analyst 804.939.5269 ksterling@seaportglobal.com</p>	<p style="text-align: center;">Michael Ward, CFA Managing Director Senior Analyst 212.949.1484 mward@seaportglobal.com</p>
<p><i>Airfreight & Logistics</i> Air Transport Services Group, Inc. (ATSG) Atlas Air Worldwide Holdings Inc. (AAWW) Expeditors International of Washington, Inc. (EXPD) FedEx Corporation (FDX) Forward Air Corp. (FWRD) Hub Group Inc. (HUBG) Radiant Logistics, Inc. (RLGT) Ryder System, Inc. (R) United Parcel Service, Inc. (UPS) World Fuel Services Corp. (INT) XPO Logistics, Inc. (XPO)</p> <p><i>Maritime</i> Kirby Corporation (KEX) Matson, Inc. (MATX) Seaspan Corporation (SSW)</p> <p><i>Trucking</i> ArcBest Corporation (ARCB) Covenant Transportation Group, Inc. (CVTI) Daseke, Inc. (DSKE) Heartland Express, Inc. (HTLD) Knight-Swift Transportation Holdings Inc. (KNX) Marten Transport Ltd. (MRTN) Old Dominion Freight Line Inc. (ODFL) SAIA, Inc. (SAIA) Werner Enterprises Inc. (WERN) YRC Worldwide Inc. (YRCW)</p>	<p>Adient plc (ADNT) AutoNation Inc. (AN) Aptiv PLC (APTV) BorgWarner Inc. (BWA) Carvana Co. Cl A (CVNA) Cooper-Standard Holdings Inc. (CPS) Delphi Technologies PLC (DLPH) Ford Motor Company (F) General Motors Company (GM) Group 1 Automotive Inc. (GPI) Lear Corp. (LEA) Lithia Motors Inc. Cl A (LAD) Lyft, Inc. (LYFT) Penske Automotive Group Inc. (PAG) Superior Industries, Inc. (SUP)</p>

EQUITY COVERAGE UNIVERSE



Building Products & Furnishings	Paper & Forest Products; Building Products; Homebuilders
<p>Matt McCall, CFA Managing Director Senior Analyst 804.939.5277 mmccall@seaportglobal.com</p>	<p>Mark Weintraub Managing Director Senior Analyst 646.264.5602 mweintraub@seaportglobal.com</p>
<p>Commercial Interiors Herman Miller, Inc. (MLHR) HNI Corp (HNI) Interface, Inc. (TILE) Knoll Inc (KNL) Steelcase Inc. (SCS)</p> <p>Diversified Commercial Acuity Brands, Inc (AYI) Belden Inc. (BDC)</p> <p>Building Products Beacon Roofing Supply Inc. (BECN) BMC Stock Holdings, Inc. (BMCH) Builders FirstSource, Inc. (BLDR) GMS Inc. (GMS) Installed Building Products Inc. (IBP) Select Interior Concepts, Inc. (SIC) TopBuild Corp. (BLD) Trex Co. Inc. (TREX)</p>	<p>Wood Building Products Boise Cascade Company (BCC) Continental Building Products Inc. (CBPX) Cornerstone Building Brands, Inc. (CNR) JELD-WEN Holding, Inc. (JELD) Masonite International Corp. (DOOR) Owens Corning (OC) Quanex Building Products Corporation (NX) Universal Forest Products Inc. (UFPI)</p> <p>Paper & Forest Products Graphic Packaging Holding Company (GPK) International Paper Company (IP) Packaging Corp. Of America (PKG) PotlatchDeltic Corporation (PCH) Rayonier Inc. (RYN) WestRock Company (WRK) Weyerhaeuser Co. (WY)</p> <p>Building Products Louisiana-Pacific Corp. (LPX) Norbord, Inc. (OSB)</p> <p>Homebuilders D.R. Horton, Inc. (DHI) KB Home (KBH) Lennar Corporation (LEN) PulteGroup, Inc. (PHM) Toll Brothers, Inc. (TOL)</p>

EQUITY COVERAGE UNIVERSE



Aerospace & Defense; Aerospace Materials

Josh Sullivan
Managing Director
Senior Analyst
 646.832.3237
jsullivan@seaportglobal.com

Aerospace & Defense

AAR Corp. (AIR)
 Air Lease Corp. (AL)
 Astronics Corporation (ATRO)
 BWX Technologies Inc. (BWXT)
 CACI International Inc. (CACI)
 FLIR Systems, Inc. (FLIR)
 Harris Corporation (HRS)
 HEICO Corp. (HEI)
 Huntington Ingalls Industries, Inc. (HII)
 Jacobs Engineering Group Inc. (JEC)
 Kratos Defense & Security Solutions, Inc. (KTOS)
 PTC Inc. (PTC)
 RBC Bearings Incorporated (ROLL)
 Spirit AeroSystems Holdings Inc. (SPR)
 Science Applications International Corporation (SAIC)
 The Boeing Company (BA)
 United Technologies Corporation (UTX)

Aerospace Materials

Arconic Inc. (ARNC)
 Allegheny Technologies Inc. (ATI)
 Constellium N.V. (CSTM)
 Carpenter Technology Corporation (CRS)
 Kaiser Aluminum Corporation (KALU)

Diversified Industrials; Flow Control

Walt Liptak
Managing Director
Senior Analyst
 312.706.2704
wliptak@seaportglobal.com

Diversified

Colfax Corporation (CFX)
 Columbus McKinnon Corporation (CMCO)
 Curtiss-Wright Corp. (CW)
 Federal Signal Corp. (FSS)
 Gibraltar Industries, Inc. (ROCK)
 Graco Inc. (GGG)
 Illinois Tool Works Inc. (ITW)
 John Bean Technologies Corporation (JBT)
 Kadant Inc. (KAI)
 Kennametal Inc. (KMT)
 Lennox International, Inc. (LII)
 Lincoln Electric Holdings, Inc. (LECO)
 Nordson Corporation (NDSN)
 Regal Beloit Corporation (RBC)
 The Middleby Corporation (MIDD)
 Watsco Inc (WSO)
 Welbilt, Inc. (WBT)

Flow Control

Chart Industries Inc. (GTLS)
 Dover Corporation (DOV)
 Flowserve Corporation (FLS)
 Franklin Electric Co., Inc. (FELE)
 IDEX Corporation (IEX)
 ITT Corporation (ITT)
 MRC Global Inc. (MRC)
 Mueller Water Products, Inc. (MWA)
 NOW Inc. (DNOW)
 Pentair plc (PNR)
 SPX Corporation (SPXC)
 SPX FLOW, Inc. (FLOW)
 Watts Water Technologies, Inc. (WTS)
 Xylem Inc. (XYL)

Cannabis; Ingredients

Brett Hundley, CFA

Managing Director

Senior Analyst

804.939.5268

bhundley@seaportglobal.com

Cannabis

Acreage Holdings Inc. (ACRGF)
Aphria Inc. (APHA)
Aurora Cannabis Inc. (ACB)
Canopy Growth Corporation (CGC)
Curaleaf Holdings Inc. (CURLF)
Green Thumb Industries Inc. (GTBIF)
HEXO Corp. (HEXO)
iAnthus Capital Holdings, Inc. (ITHUF)
KushCo Holdings, Inc. (KSHB)
MedMen Enterprises Inc. (MMNFF)
The Green Organic Dutchman Holdings Ltd. (TGODF)
Tilray, Inc. (TLRY)

Ingredients

Balchem Corporation (BCPC)
Ingredion Inc. (INGR)
Innophos Holdings, Inc. (IPHS)
International Flavors & Fragrances Inc. (IFF)
Sensient Technologies Corporation (SXT)



Seaport GlobalSM

Seaport Global Equity Research

www.seaportglobal.com

Justin Cable

Director of Equity Research

949.274.8055

jcable@seaportglobal.com

