

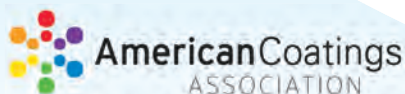
The Standard of Excellence in Chemical Distribution and Packaging

PROVIDING YOU THE PRODUCTS AND TECHNOLOGY FOR THE CASE MARKET WHEN YOU NEED IT.



EMCO Chemical Distributors, delivering solutions since 1971.

- | | | | |
|------------------------|-----------------------|------------------|------------------------|
| ■ Industrial Chemicals | ■ Specialty Chemicals | ■ Cincinnati, OH | ■ Minneapolis, MN |
| ■ Waste Services | ■ Contract Packaging | ■ Columbia, IL | ■ North Chicago, IL |
| | | ■ Elkhart, IN | ■ Pleasant Prairie, WI |



Paint & Coatings

EMCO[®]

CHEMICAL DISTRIBUTORS

Delivering Chemical Solutions from the World's Leading Producers...



Your First Choice for Paint & Coatings Raw Materials

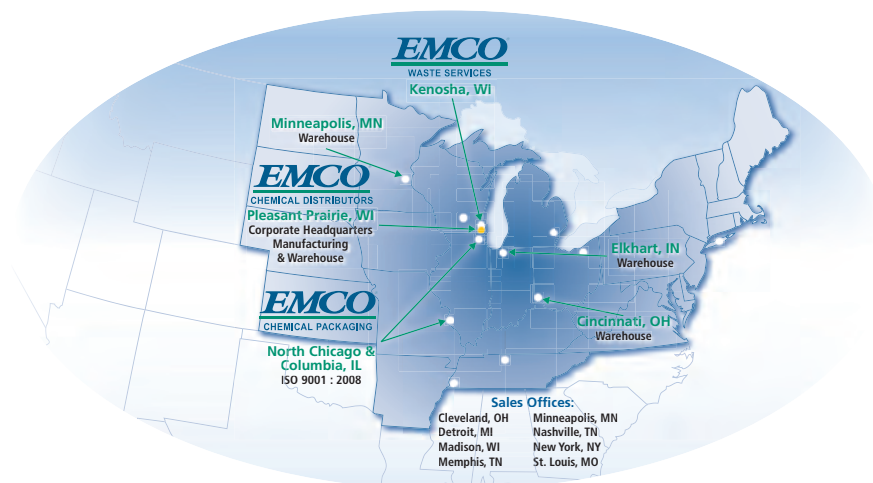
CHEMICAL DISTRIBUTORS

EMCO Chemical Distributors has been supplying the Coatings market for the last 40 years. We have established relationships with some of the best raw material suppliers in the industry. Our product range is quite large, allowing you the ability to solve your needs with one phone call. We can help you formulate new products to include some of the newest technologies and raw materials from around the world. Whether your paint or coating is Industrial or Architectural, EMCO has the raw materials you need.

Here is a list of chemistries that EMCO Chemical Distributors brings to the Architectural Coatings market:

Function	Solution
Resins - High Solids and Solvent Based	Acrylic, Epoxy, Reactive Diluent, Urethane, Nitrocellulose, Curing Agents/Hardeners, Isocyanate, Melamines, Silicone/Silane, Hydrocarbon, Polyaspartic
Resins - Water Based	Acrylic, PUD, Epoxy, Isocyanate, Self Crosslinking, Silicone/Silane
Functional Extenders	Barium Sulfate, Talc, Calcium Carbonate
Viscosity Modifiers	Fumed Silica, Associative, Acrylic, Carbomer
Plasticizers/Diluents (Reactive/Non Reactive)	Adipates, Benzoflex, Benzoates, Pthalates, Epoxidized Soybean Oil, SS 300, Texanol, Nonyl Phenol, Benzyl Alcohol, Glycedil Ether, Acrylate Monomers
Pigments	Iron Oxide, Inorganic, Organic, Pearlescent, Silver Metallic, Titanium Dioxide, Carbon Black, Fluorescents, Trans Oxides
Solvents	Aromatic Hydrocarbons, Aliphatic Hydrocarbons, Glycol Ethers, Glycol Ether Esters, Glycols, Esters, Chlorinates, Ketones, Amines, Alcohols
Non VOC Solvents	Acetone, TB-Acetate, PCBTF, Dimethyl Carbonate, Methyl Volatile Silicones D4, D5, Soy Methyl Esters
Additives	Adhesion promoters, Anti-Sag/Settling Agents, Silicone Sealers, Antifoam/Defoamers, Silanes, Metallic Driers, Flow & Leveling Agents, Migrating Corrosion Inhibitors (MCI), Vapor phase Corrosion Inhibitor (VpCI)
Drying Oils	Linseed
Dispersing Agents	Silicone, Non-Silicone, Surfactants
Intermediates	BPA, Acrylics/ Monomers, Methacrylates
Containers	Metal containers- Gallons, Pints, Quarts, Pails. Offering both F-Style or Accupours (cone tops)
Packaging	Custom Packaging and Toll manufacturing, specializing in Isocyanate and flammable products

These are just a few of the many solutions EMCO Chemical Distributors brings to you. Please contact your EMCO Chemical Distributors sales representative today.



Quality • Reliability • Commitment

Adhesives & Sealants

EMCO[®]

CHEMICAL DISTRIBUTORS

Bonding strong relationships with our suppliers for over 40 years...



penreco.



OCI



EASTMAN

ExxonMobil



lyondellbasell

KOLON INDUSTRIES



MOMENTIVE™



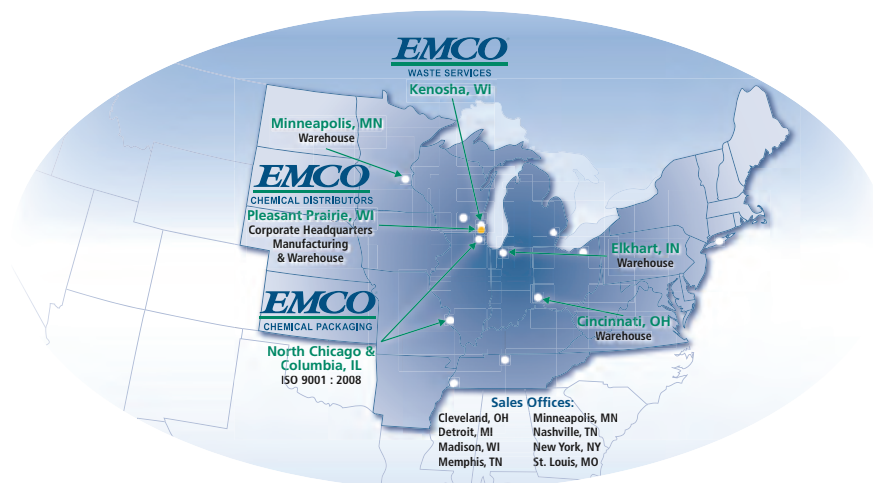
Your First Choice for Adhesive and Sealant Materials

CHEMICAL DISTRIBUTORS

Over our 40+ year history, EMCO Chemical Distributors, Inc. has established quality relationships with many of the best adhesive and sealant raw material suppliers in the industry. With more than 20 degreed chemists on staff, we have the experience and knowledge to help you to incorporate newer raw materials into existing products, in addition to addressing formulation issues. Whether you're making an epoxy, urethane, or acrylic adhesive, EMCO has the raw materials you need.

Function	Solution
Resins - Water Based	Acrylic, PUD, Epoxy
Resins - Solvent Based	Acrylic, Urethane, Epoxy, Curing Agents, Polyamides, Silane Modified Resin, Silicone Polymer
Monomers	Acrylates, Methacrylates
Additives	PTSI, Super Wetters, Glycerine, PEG, Silicones, Silanes, Water Repellents, Catalysts, Moisture Scavengers, Migrating Corrosion Inhibitors (MCI), Vapor phase Corrosion Inhibitor (VpCI)
Functional Additives	Calcium Carbonate, Talc, Barium Sulphate
Viscosity Modifiers	Fumed Silica, Acrylic Thickeners, Cellulose Ethers, Dextrin, Starch, Sorbitol
Foam Control	Silicone, Surfactants, Mineral Oils
Plasticizers	Adipates, Benzoates, Pthalates, Pthalate Free, Silicones
Pigments	Iron Oxide, Inorganic, Organic, Pearlescent, Metallic, Titanium Dioxide, Carbon Black
Solvents	Aromatic Hydrocarbons, Aliphatic Hydrocarbons, Glycol Ethers, Glycol Ether Esters, Glycols, Esters, Chlorinates, Keytones, Amines, Alcohols
Non VOC Solvents	Acetone, t-Butyl Acetate, PCBTF, Dimethyl Carbonate, MVS Cyclic Silicone, SS3000, Soy Methyl Esters, Propylene Carbonate
Lubricants	White Oils, Metallic Stearates, Silicones, Glycerine
Antioxidants	BHT, Phosphites
Crosslinkers	Isocyanates, Silanes, Oxine
Packaging	Blending and Filling into different sizes and containers, specializing in both Isocyanates and flammable products

These are just a few of the many solutions EMCO Chemical Distributors brings to you. Please contact your EMCO Chemical Distributors sales representative today.



Quality • Reliability • Commitment

Inks & Printing

EMCO[®] CHEMICAL DISTRIBUTORS, INC.

The Standard of Excellence in Chemical Distribution and Packaging

Quality solutions for a great impression every time...



... Your First Choice For Ink Raw Materials In The Midwest

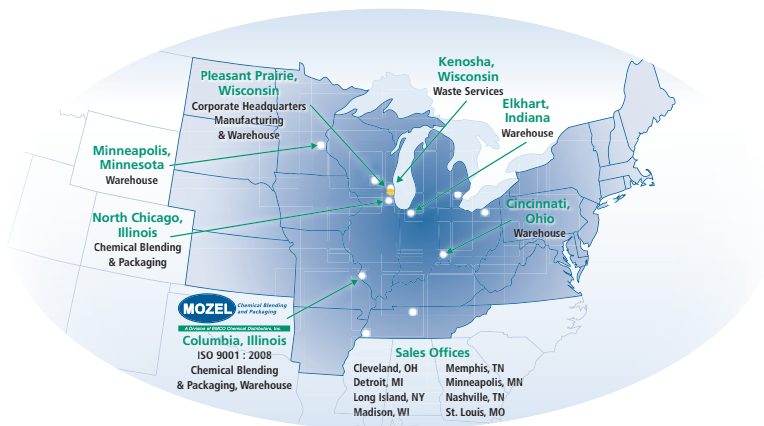
The Standard of Excellence in Chemical Distribution and Packaging

Over our 40+ year history, EMCO Chemical Distributors, Inc. has established quality relationships with many of the best ink raw material suppliers in the industry. With more than 20 degreed chemists on staff, we have the experience and knowledge to help you incorporate newer raw materials into existing products, in addition to addressing formulation issues. Whether your Inks are Gravure, Flexo, UVEB, or Overprint Varnish, EMCO has the raw materials you need.

Here is a partial list of chemistries that EMCO Chemical Distributors brings to the Ink & Printing market:

Function	Products We Offer
Resins – High Solids	Acrylic, Epoxy, Reactive Diluent, Alkyd, Urethane, Nitrocellulose, Silicone, Hydrocarbon Resin
Resins – Water-Based	Acrylic, PUD, Epoxy, Isocyanate, Self Cross-linking, Silicone/Silane, Epoxy Ester, Alkyd
Resins – Solvent-Based	Acrylic, Alkyd, Urethane, Epoxy, Curing Agents/Hardeners, Nitrocellulose, Isocyanate, Melamine, Silicone/Silane, Hydrocarbon Resin
Functional Extenders	Barium Sulfate, Talc, Calcium Carbonate
Viscosity Modifiers	Fumed Silica, Associative, Acrylic, Carbomer
Plasticizers/Diluents (Reactive/Non Reactive)	Adipates, Benzoates, Phthalates, Epoxidized Soybean Oil, SS 300, Texanol, Nonylphenol, Benzyl Alcohol, Glycidyl Ether, Acrylate Monomers, Caprolactone
Pigments	Iron Oxide, Inorganic, Organic, Pearlescent, Silver Metallic, Titanium Dioxide, Carbon Black, Fluorescents, Trans Oxides
Solvents	Aromatic Hydrocarbons, Aliphatic Hydrocarbons, Glycol Ethers, Glycol Ether Esters, Glycols, Esters, Chlorinates, Ketones, Amines, Alcohols
Exempt/Low-VOC Solvents	Acetone, t-Butyl Acetate, PCBTF, Dimethyl Carbonate, SS300, Soy Methyl Ester, Propylene Carbonate, Volatile Silicone Fluid
Additives	Antifoams & Defoamers, Flatting Agents, Adhesion Promoters, Anti-Sag/Settling Agents, Flow & Slip, Superwettors
Drying Oils	Linseed, Tung
Dispersing Agents	Silicone, Non-Silicone, Surfactants
Intermediates	1-4 Butanediol, BPA, Acrylics/ Monomers, Methacrylates
Graphic Processing Aids	Blanket Washes, Roller Washes
Containers	Metal containers – Gallons, Pints, Quarts, Pails. Offering both F-Style and Accupours (cone tops)
Packaging	Blending and filling into different sizes and containers, specializing in both Isocyanates and flammable products

These are just a few of the many products EMCO Chemical Distributors brings to you. Please contact your EMCO sales representative today.



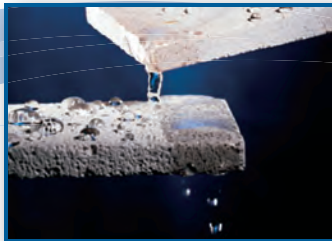
Quality • Reliability • Commitment

Construction Products

EMCO®

CHEMICAL DISTRIBUTORS

Cementing strong relationships with our suppliers for over 40 years...



EASTMAN



ExxonMobil



MOMENTIVE™

KOLON INDUSTRIES



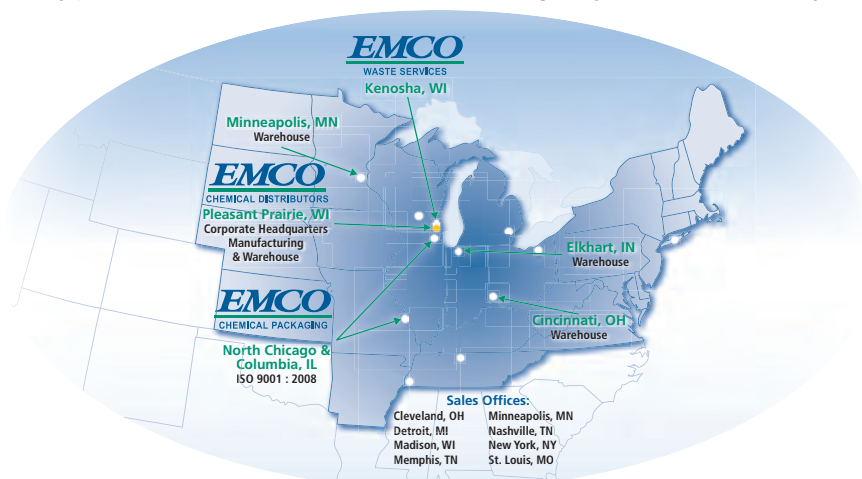
...Your First Choice for Construction Products / Raw Materials

CHEMICAL DISTRIBUTORS

Over our 40+ year history, EMCO Chemical Distributors, Inc. has established quality relationships with many of the best Construction raw material suppliers. With more than 20 degreed chemists on staff, we have the experience and knowledge to help you to incorporate newer ingredients into existing products, in addition to addressing formulation issues. Whether you're making an adhesive, admixture, curing compound, joint filler or sealer, EMCO has the raw materials you need when you need them.

Function	Products Offered
Resins-High Solids	Acrylic, Epoxy, Urethane, Nitrocellulose, Silicone/Silanes, Hydrocarbon Resins
Resins-Water-Based	Acrylic, PUD, Epoxy, Isocyanate, Self Cross-linking, Silicone/Silane
Resins-Solvent-Based	Acrylic, Urethane, Epoxy/Curing Agents/Hardeners, Nitrocellulose, Isocyanate, Melamines, Silicone/Silane, Hydrocarbon Resins
Plasticizers/Diluents (Reactive/Non Reactive)	Adipates, Benzoates, Phthalates, Epoxidized Soybean Oil, SS 300, Texanol, Nonylphenol, Benzyl Alcohol, Glycidyl Ether, Acrylate Monomers, Diluents
Additives	Antifoam & Defoamers, Flattening Agents, Adhesion Promoters, Flow & Leveling, Air Release, Catalysts, Anti-Sag/Settling Agents, Water Repellents, Superwetters, Synthetic Waxes and Moisture Scavengers
Dispersing Agents	Acrylic, Silicone, Non-Silicone, Surfactants
Pigments	Iron Oxide, Inorganic, Pearlescent, Metallics, Titanium Dioxide, Carbon Black, Fluorescents, Trans Oxides
Viscosity Modifiers	Fumed Silica, Associative and Non-Associative Thickeners, Acrylics, PUD's, Carbomer
Solvents	Aromatic Hydrocarbons, Aliphatic Hydrocarbons, Glycol Ethers, Glycol Ether Esters, Glycols, Esters, Chlorinates, Ketones, Amines, Alcohols, etc.
Low and Non VOC Solvents	Acetone, TB-Acetate, PCBTF, Dimethyl Carbonate, MVS-Cyclic Silicones, Soy Methyl Esters, SS 300, Propylene Carbonate, Methylene Chloride
Extenders	Barium Sulfate, Talc, Calcium Carbonate
Drying Oils	Linseed, Epoxidized Soybean Oil
Intermediates	1-4 Butanediol, BPA, Acrylics/ Monomers, Methacrylates
Containers	Metal containers- Gallons, Pints, Quarts, Pails. Offering both F-Style or Accupours (cone tops)
Packaging	Blending and filling into different sizes and containers, specializing in Isocyanates, Acrylic cuts and flammable products

These are just a few of the many products EMCO Chemical Distributors brings to you. Please contact your EMCO sales representative today.



Quality • Reliability • Commitment

Standard of Excellence



CHEMICAL PACKAGING

EMCO Chemical Packaging is a premier chemical contract blending and packaging provider in the United States specializing in the blending, filling and packaging of liquids. With plants located in the Chicago and St. Louis metro areas, supply of product across North America is cost effective. The facilities are designed to efficiently handle hazardous and non-hazardous products like solvents and water-based products. We have expertise in producing and packaging flammable and corrosive products, including isocyanates. Through the development of strong relationships with chemical and container manufacturers, EMCO is able to offer cost-effective, turnkey solutions by leveraging its purchasing power.

EMCO is able to manufacture and fill a variety of products due to its flexibility. In addition, the company stocks a number of different sized containers from 2 ounce up to 55 gallon in both metal and plastic. If blended bulk material is desired, EMCO has the capability to load and ship in totes and bulk tank wagons. Blends can be manufactured in sizes from 55 to 30,000 gallons. EMCO will invest in your business by adding equipment to fulfill your needs. EMCO continues to add capability, now handling powder blending and filling, in-house label printing, and warehousing with order fulfillment.

EMCO is ISO 9001 certified to the 2015 standard and has quality control labs at each site. With its Enterprise Resource Planning system, chemicals are lot traced from receipt through the blending, filling, and shipping processes. Eliminate your operational overhead and put EMCO's experienced team to work for you.

Give us a chance, we'll earn your business.



St. Louis Area Chemical Blending & Packaging
1900 Westgate Drive • Columbia, IL 62236
Phone: (618) 281-3040

Chicago Area Chemical Blending & Packaging
2100 Commonwealth Avenue • North Chicago, IL 60064
Phone: (847) 689-2200

www.emcochem.com

CHEMICAL PACKAGING



Capabilities:
• Turnkey blending and packaging of polyisocyanates, flammable solvents and other liquids
• Filling of containers from 2 oz. bottles to bulk
• Tanks and equipment to manufacture orders from 55 to 30,000 gallons
• Warehousing and order fulfillment available
• Full-service laboratory staffed with degreed chemists
• Dry filling options from bulk to 50 lb. bags and super sacks
• In-house full color label printing
• Ability to fill metric sizes in both metal and plastic
• EDI order processing available

Current Packaging Options:
• Bulk shipments in rail cars and tank trucks
• Intermodal Bulk Containers or Totes
• Drums
• Pails

Should you be interested in other products, please contact us and we will review all potential product packaging capabilities to meet your needs and requirements.

Quality Control
• ISO 9001:2015 Certified
• Lot traceability back to raw materials
• Lot numbers applied to all filled containers
• Blending by weight using load cells
• QC testing of incoming raw materials
• In-line filtering of material
• Retention of blends and in-line samples
• Certificates of Analysis available upon request
• Ability to perform various quality control tests

PRODUCTS	
Paint & Coatings:	Cut Acrylic Resin, Isocyanate Hardeners, Lacquer Thinners, Paint Strippers, Reducers, 2k Epoxy Primers, Epoxy Curing Agents, Accelerators, Wood Stains, Clear Coats, Reactive Reducers, Acid Catalysts, Phosphoric Acid Blends, High Speed Dispersions, Powder Pearls, Concrete Sealants, Aziridene Crosslinkers, Low VOC Blends, Water-based Products, Degreasers, , Formaldehyde Blends
Industrial & Institutional:	Janitorial Supplies, Window Cleaners, Degreasers
Automotive:	Fuel Additives, Various Car Care Products
Personal Care:	Nail Polish Remover