



UNITED MINERAL & CHEMICAL CORP

## CONSTRUCTION SOLUTIONS



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# ADDITIVES RESINS

## REDISPERSIBLE POWDER POLYMERS & POLYMER EMULSIONS

**Chemistry:** 100% Acrylic (VEOVA), Styrene Acrylic, and Vinyl Acrylic (VEOVA)

### Applications:

**Sealants and Waterproofing:** Concrete Sealers, Roof Coatings, Terrazzo and Masonry Sealers.

**Construction Adhesives:** bonding of various construction materials such as tile, concrete and wood.

**Coatings and Paints:** Architectural (interior and exterior paints for excellent weather resistance, color retention, and durability), Industrial (protection from corrosion and wear, providing a durable finish) and Floor Coatings (in both industrial and commercial settings for their toughness and ease of maintenance).

## EPOXY

**Grades:** Bisphenol-A, Bisphenol-F, Solid Epoxies, Reactive Diluents and

Curing Agents

**Properties:** various viscosities, reactivities and handling characteristics.

**Applications:** Concrete Repair and Strengthening, Adhesive Applications, Anti-Corrosion, Waterproofing and Sealing, Decorative Flooring and Coatings.



## ALKYD

**Chemistry:** Short (<40%), Medium (40-60%) and Long Oil (>60%).

**Oils used:** Vegetable Oil, Linseed Oil, Sunflower Oil, Coconut Oil, Tall Oil Fatty Acids.

**Applications:** Primers, Architectural Paints, Wood and Metal Coatings.



## SILICONES AND SILANES

**Chemistry:** Epoxy, Amino, Vinyl, Methacryloxy and Mercapto, Oxime, Acetoxy, Alkyl, Alkoxy, and Methyl Phenyl.

**Applications:** Adhesion Promoters and Coupling Agents, Waterproofing and Hydrophobicity, Corrosion, UV, Heat and other environmental factor protection.

**Available Forms:** Emulsion, Cream, Concentrate and Fine Powder.

# DRY MIX ADMIXTURES AND FILLERS

## CALCIUM FORMATE

UMC is one of the largest suppliers of Calcium Formate in North America and can supply material via our 5 warehousing locations in the USA from pallet quantities to truckloads. Calcium Formate is used as an additive to grouts and cement to reduce settling time and increase hardness. This is key in cementitious tile adhesives to prolong open time and to act as a setting accelerator. It also allows for work in freezing temperatures and is effective in preventing efflorescence.



## PERLITE MICROSPHERES

Perlite Microspheres are a very cost-effective, density-reducing filler for water or resin based applications. The Perlite HP series are available in grades ranging from 40um to over 300um – with or without surface treated coatings for additional water resistance.

The benefits to using Perlite Microspheres include **lightweighting**, improved rheology, reduces shrinkage of product, and insulating properties.



## PERLITE BLOCK FILL

A coarser expanded particle grade, used for thermal insulation of hollow walls.

## SODIUM ALUMINATE

Used in construction primarily as a concrete and cement additive to accelerate setting, enhance early strength, and improve durability in freezing temperatures.

## POLYCARBOXYLATE SUPERPLASTICIZER

Enables a reduction in the water-to-cement ratio, leading to denser, stronger, and more durable concrete.

## MUSCOVITE MICA

Used in construction primarily as a reinforcing agent in materials like plaster, cement, and asphalt, enhancing their durability and weather resistance.

## BIO-BASED SURFACTANTS

Manufactured in the USA, and distributed by UMC, Integrity BioChem (IBC) Biobased Surfactants are sugar-based and derived from a naturally occurring, renewable source. The raw material does not cut into the food supply. IBC polysaccharide chemistries improve on the existing biobased technologies and replace traditional (synthetic) products with innovative, environmentally friendly solutions. These non-ionic surfactants offer broad HLB range (10-19), high oil loading, EO and sulfate free, high-water solubility and are highly compatible with all types of surfactant systems. Powdered versions of these surfactants are coming soon.



## OTHER CONSTRUCTION ADDITIVES

- Diatomaceous Earth (made in the USA)
- Biocides/Preservatives (made in USA)
- pH modifiers
- Thickeners
- Fumed Silica



## A MODERN DISTRIBUTOR, IN A MODERN WORLD

Established in 1941, UMC is one of the top national distributors proudly serving customers in diverse industries, including Battery, Water and Wastewater Treatment, Construction, CASE (Coatings, Adhesives, Sealants, and Elastomers), Personal Care and Food & Beverage.

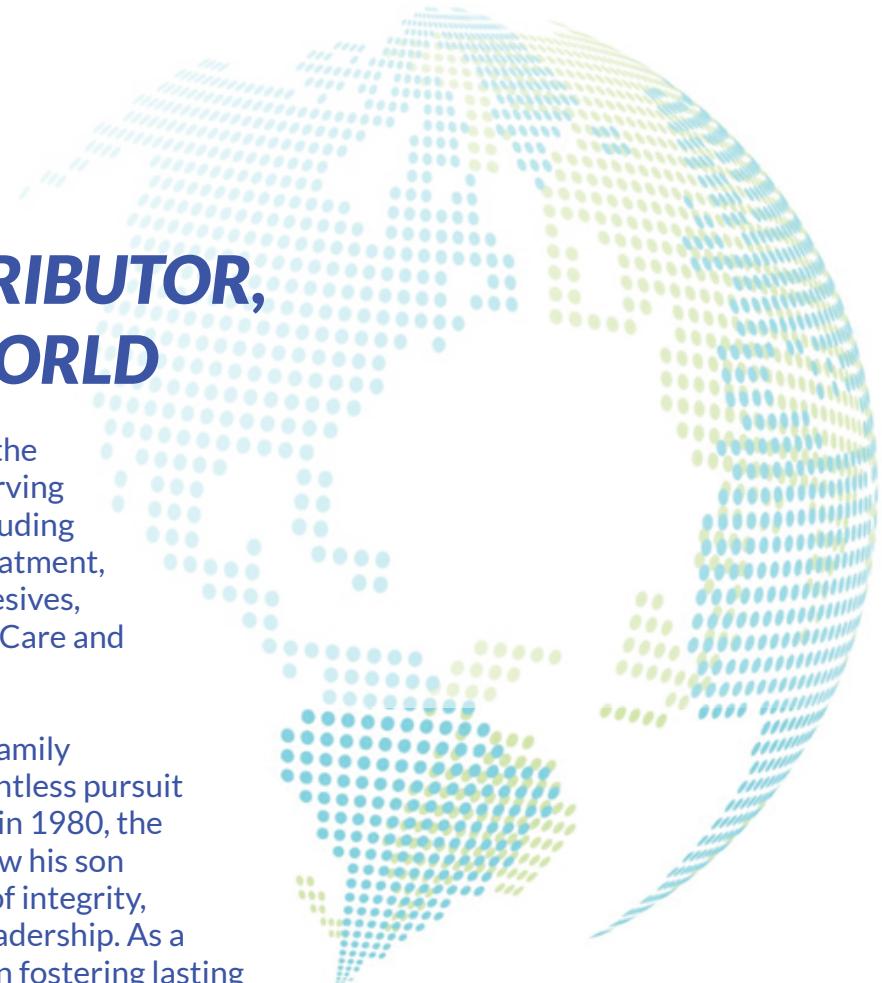
At UMC, our foundation is built on family values—trust, dedication, and a relentless pursuit of excellence. Since taking the helm in 1980, the Leviant family—first Jacques and now his son Alexandre—has nurtured a culture of integrity, innovation, and forward-thinking leadership. As a family-owned business, we believe in fostering lasting relationships, not just with our partners and suppliers, but with every customer who relies on us.

Our commitment to growth is unwavering. Through strategic expansion and an ever-evolving distribution network, we remain ahead of the curve, constantly seeking new opportunities to better serve the industries that depend on us. By identifying and capitalizing on undiscovered possibilities, we ensure that UMC is always at the forefront—adapting, innovating, and setting new standards in distribution excellence.

What sets us apart from most of our competitors is our unwavering commitment to customer satisfaction, embodied by our dedicated Customer Service team. Driven by a relentless focus on delivering solutions, our team approaches every challenge with expertise, efficiency, and a customer-first mindset. Whether addressing complex inquiries, streamlining logistics, or providing tailored support, there is no problem too great for our Customer Service professionals to solve. Exceptional service isn't just a promise—it's our standard.

### ***Our mission:***

To Bridge Products Globally as a Modern Distributor in a Modern World, While Upholding Our Family Values



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