

Product List by Application



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Paint, Waterproof

● EP4200 (PU Dispersion)	EP4200 is a waterborne urethane polymer designed for a variety of applications including automotive. It can be used as a laminating adhesive and waterproof coating.
● UNICRYL 2000 (Styrene-Acrylic)	U2000 is very flexible waterborne dispersion of a styrene-acrylic copolymer (Tg = -12 °C), of fine particle size, free of plasticizer and solvent. It is perfectly suitable for use in the formulation of interior and exterior paints with good wash ability. It can also be used for developing floor-tile and building adhesives, roof-coatings and sealants. The low viscosity allows perfect compounding.
● UNICRYL 2080 (Styrene-Acrylic)	U2080 is a semi-rigid waterborne dispersion of a styrene-acrylic copolymer (Tg = +5°C), of fine particle size, free of plasticizer and solvent. It is ideally suited for use in the formulation of matt and high gloss paints for both indoor and outdoor uses and has good wash ability. It can also be used for developing floor-tile and building adhesives.
● UNICRYL 1251 (Pure Acrylic)	U1251 is a waterborne dispersion of a pure acrylic polymer (Tg = +5°C) developed for the exterior paint, waterproof coating. It has a good film forming and binding properties, with excellent resistance towards alkalis and water. The emulsion has excellent compatibility with pigment, filler, thickeners and other additive.
● UNIREX D9080 (Dispersing Agent)	D9080 is a sodium poly-acrylate dispersant used to disperse both pigments and fillers and to produce stable slurries, such as compounds in the carpets industry and mixtures used for paper coating. The advantages of D9080 are amongst others: low viscosity, small particle size, and ameliorated viscos-stability.
● UNIREX D9081 (Dispersing Agent)	D9081 is an Ammonium polyacrylate dispersant, with a molecular weight around 4,500 Daltons, used to disperse both pigments and fillers and to produce stable slurries, such as compounds in the paint coating.
● UNIREX T9060 (Thickener)	T9060 is an acid containing, cross linked, acrylic copolymer thickener, which when neutralized with a suitable base, forms a highly viscous and very efficient thickening medium for a broad range of aqueous and water miscible liquids.
● UNIREX D9050 (Mineral Oil Defoamer)	D9050 are designed mineral oil and hydrophobic materials. These products can apply to a field of synthetics resin, paint, Dyeing etc.
● UNIREX D9051 (Silicone Defoamer)	D9051 are designed silicone basis defoamer. These products can apply to a field of synthetics resin, paint, Dyeing etc.
● DOW 's DER 331	D.E.R. TM 331 TM Liquid Epoxy Resin is a liquid reaction product of epichlorohydrin and bisphenol A that is the most widely used general purpose liquid epoxy resin.
● SM828 (Standard Epoxy Resin)	SM828 is a liquid type standard Epoxy Resin derived from Bisphenol-A. It has excellent adhesion, chemical resistance, heat resistance, etc. Due to its special properties, SM828 is generally used in many fields. SM828 is the most standard liquid resin for general use.
● ChemOne RD108 (C12-C14 Reactive Diluent)	RD108 is an aliphatic glycidyl ether containing alkyl chains which are predominately C12 and C14 in length, its primary use is the viscosity reducing modification of epoxy resin formulations.
● ChemOne CA12 (Curing Agent for Medium Coat)	CA12 is a 50 phr, epoxy curing agent, low viscosity, good chemical resistance and high mechanical properties

Fireproof Coating

● AntiFlame AP2 (Ammonium Polyphosphate)	AP2 is an ammonium polyphosphate which is one of chemical in change reaction of flame retardant / intumescent. It is a source of phosphoric acid.
● AntiFlame PTT (Pentaerythritol)	PTT is a Pentaerythritol which is one of chemical in change reaction of flame retardant / intumescent. It is a source of carbon.
● AntiFlame CP (Chlorinated Paraffin)	CP is a Chlorinated Paraffin which is one of chemical in change reaction of flame retardant / intumescent. It is co- blowing agent.
● AntiFlame MM (Melamine)	MM is a Melamine which is one of chemical in change reaction of flame retardant / intumescent. It is a co-blowing agent.
● FR Slurry	Make your paint can be retard to fire.

Concrete & Mortar

● Cemflow 80P (Sodium Naphthalene Sulfonate)	80P is a naphthalene-based with 8% Max NaSO ₄ , highly effective water reducing agent for promoting accelerated early and ultimate strength development in concrete and mortar, commonly referred to as a superplasticizer.
● Lignoplast CA (Calcium Lignosulfonate)	CA is a water soluble dark brown powder. The insolubles content is low. Used as dispersant for textile dyestuffs, pesticides, industrial cleaners and water treatment, plasticizer for concrete and water reducer in gypsum boards.
● Lignoplast NA (Sodium Lignosulfonate)	NA is a water soluble dark brown powder. The insolubles content is low. Used as dispersant for textile dyestuffs, pesticides, industrial cleaners and water treatment, plasticizer for concrete and water reducer in gypsum boards.
● Sodium Gluconate	Used as retarding agent of cement. In textile dyeing, printing and metal surface water treatment, chelating agent, steel surface cleaning agent, cleaning agent for glass bottle, plating and alumina dyeing industries.
● Chemcrete CSA (Eqv. To Denka CSA)	Chemcrete CSA is contents Calcium Sulpho Aluminate include quick-lime, gypsum, bauxite. Used for minimize shrinkage of concrete and mortar.
● Aluminium Powder	Aluminium Powder use as shrinkage compensate.
● Microsilica (Silica Fume)	Use as a strengthening agent in concrete, mortar, refractory, fiber cement...
● Lithium Carbonate	Accelerate the setting time of cementitious systems such as high-alumina cements (HAC) and alumina-portland cement blends.
● Corundum , Carborundum	Very very hard aggregate. Moh's hardness 9.5. Use as floor hardener, abrasive polishing applications, concrete non-skid surfaces in conjunction with concrete or epoxy resins, barrel finishing, pressure blasting, coated abrasives, tumbling and debarring media.
● Cement Fondu (High Alumina Cement)	Cement Fondu is a hydraulic binder with an alumina content of approximately 40%. Composed mainly of calcium aluminate phases, It is ideally suited for refractory and construction chemistry applications. It is suitable for refractory applications where iron oxide can be tolerated (non-reducing atmospheres).
● L6061 (SBR Latex)	L6061 is an APEO-free water based emulsion of a modified styrene-butadiene polymer. Use as bonding agent in cement-latex compositions properties such as good chemical and mechanical stability as well as long term non-foaming behavior are important.
● UNICRYL 1100 (Pure Acrylic)	U1100 is a waterborne acrylic emulsion polymer, developed for the improvement of mortar and concrete products. It can be used as bonding agent and also protective paint.
● UNICRYL 2301 (Styrene Acrylic)	U2301 is a waterborne dispersion of a styrene-acrylic copolymer. It is used for the production of flexible mortars, waterproof 2-component cements and flexible cement containing waterproof membranes. It can also be used in the production of crack-filling systems and flexible coatings for flat roofs.

Spray Foam Insulation

• Polyfoam 1s	Polyfoam 1s is a kind of blended polyol for rigid spray foam, with HCFC-141b as blowing agent. It can be used in spray foam insulation of cold storage, construction wall, roof, ceiling, etc.
• Chemithane 310 (Isocyanate)	MDI for PU Flooring, PU Rigid Foam and Adhesive.

Flooring, Joint & Road

• Castor Oil No.1	Used as a Polyurethane Polyol in Polyurethane system.
• Chemithane 310 (Isocyanate)	MDI for PU Flooring, PU Rigid Foam and Adhesive.
• Pine Oil 65%	Used for multiple purposes such as PU Flooring, an odorant, a disinfectant, penetrant, wetting agent, preservative (in textiles and paper), laboratory reagent and ingredient in fragrances and related formulations.
• Sirocrete PU	The hygienic PU Resin, Part A and B of PU Screed and Mortar
• C5 Hydrocarbon resin	C5 Hydrocarbon Resin is an aliphatic resin with a unique combination of light color and moderate softening point. It is applicable for hot melt road paint, which can enhance the tenacity, rigidity and adhesive force of dope and form smooth paint surface, and also ensures the stable state of the resin in the all seasons, and have a better mixing with rosin-like resin by adding auxiliary agent.
• C9 Hydrocarbon resin	C9 Hydrocarbon resins are thermoplastic, solid at ambient temperature having pale yellow-colored Granule form. Hydrocarbon resins are compatible with a large variety of polymeric materials, can be used in paint, rubber and adhesive.
• ChemOne SBS-55CX (SBS Resin)	ChemOne SBS-55CX is a linear block copolymers synthesized with butadiene and styrene monomer. It comes with good tensile strength and elasticity. It can be used in various industrial applications such as footwear, plastic, adhesive and bituminous joint sealant.
• QS3000R (En-Capsulate Chrome Yellow)	QS3000R - Silica-Encapsulation Deep chrome Encapsulated Chrome Yellow (Pigment Yellow 34) for plastic, coating with road sign and so on good heat and whether resistance.
• Kronos 2310 / 2360 (Chloride Process, Rutile TiO2)	Rutile TiO2 from Germany meets the highest demands on weather resistance in road line, coatings and has excellent optical properties.
• Ti R999 (Sulfate Process, Rutile TiO2)	Ti R999 is a universal rutile titanium dioxide pigment. Ti R999 is a general-purpose interior pigment recommended use in coatings, plastics, inks, papers, etc.
• Chrome Oxide Green	Very good whether resistance and durability green pigment.
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Plastic and Rubber

● Black/Colored Masterbatch (PE PP ABS based)	Black/Colored Masterbatch is a granule for plastic used for coloring plastics. It is a concentrated mixture of pigment and additives encapsulated during a heat process into a carrier resin which is then cooled and cut into a granular shape. It allows the processor to color raw polymer economically during the plastics manufacturing process.
● Zinc Stearate	Used as a release agent for the production of many kinds of objects rubber, polyurethane, polyester processing system, powder metallurgy. These applications exploit its "non-stick" properties. In cosmetics, zinc stearate is a lubricant and thickening to improve texture.
● Calcium Stearate	Used as efflorescence control of cementitious products. Used as a lubricant to provide good gloss, preventing dusting and fold cracking in paper and paperboard making. Uses as a lubricant and a release agent in plastic and may use in colorant concentrates to improve pigment wetting.
● Silicone Emulsion	Used as mold release agent in rubber and plastic industry eg. shoes, gloves...

Equipment & Tools

● CME4-Moisture Encounter	A pocket sized Non-Destructive meter designed to measure the moisture content in Concrete Flooring prior to the application of floor coverings. Versatile, accurate and easy to use, this instrument allows the user to make multiple tests over a large area in the shortest possible time.
● Spike Roller	Used for Epoxy/Resin/Cement flooring and Glass Reinforced Plastic parts to remove the entrapped air.
● Steel Mold	Cast a concrete, epoxy, mortar etc...
● Injection Packer	Packer for epoxy and PU Injection
● Injection Machine	Injection Machine for Epoxy and PU Injection