

FRP ULTRA™ Resin Remover

FRP ULTRA™ Resin Remover

Is a mixture of Environmentally Sensible organic solvents, surfactant-wetting agents and a corrosion inhibitor. It replaces NMP (N-Methylpyrrolidone), BLO (gamma-Butyrolactone), EXXATE (branched six carbon acetate esters), Acetone, MEK, Methylene Chloride, Acetates, IPA, Aromatic and Aliphatic Solvents. Due to its low vapor pressure and high boiling point it evaporates 237 times slower than Acetone and MEK; 600 times slower than Methylene Chloride. This means whatever quantity you purchase, you will use.

It is non-HAPs, Low VOC, non-Flammable, no ODCs, No SARA Title 313 Reporting, Biodegradable, non-corrosive and residue free. It offers high resin loading and can be used for an extended period of time. It is recyclable via vacuum distillation at 300°F and 27 mm Hg resulting in reduced disposal costs.

FRP ULTRA™ (at 110 °F -140°F) effectively removes:

- ⇒ Solvent-based Inks, Nitrocellulose Inks; Vinyl Inks, Water-based Inks, Polymeric Inks, some UV-Curable Inks, Soy-based and other Printing Inks including Varnishes and Colors.
- ⇒ Laminating adhesives (polyurethane pre-polymer & co-polymer), Sealant, Bisphenol A based Epoxy, Reactive Hot Melt Adhesive (Polyurethane or Acrylic), High Performance Adhesives, Composite Bonding, Glass Glue Adhesives, Cyanoacrylate Adhesives, Epoxy and Vinyl Ester Adhesives, Pigmented Gel Coats, High & Low Solid Aliphatic, Waterborne Epoxy Primers.
- ⇒ Industrial Resins & Coatings (Polyester, Vinylester, Epoxy, Polyamide and polyurethane).

Use **FRP ULTRA™ Full Strength (Do not add water)** at **Room temperature or heated to 145°F maximum** in a high pressure spray cabinet washer or in an immersion tank with ultrasonic or spray under immersion. The Cleaning cycle in a typical parts washer will be 30-45 minutes at 145 °F and drying cycle is 10-15 minutes at 110-115 °F. For Hand Wipe - Surface cleaning application, soak rags with **FRP ULTRA™** at room temperature and you are ready to clean.

- * **Do not add water to this product.**
- * **Do Not use water to rinse off parts and equipment.**
- * **Do not Atomize this product.**
- * **Use Natural Rubber Gloves when handling this product.**

Typical Properties

Appearance:	Clear liquid - Colorless
Flash Point:	169 °F Pensky-Martins Closed Cup
Odor:	Mild Organic Ester
pH (50% solution in water @ 68 °F):	6.2 - 6.6
Surface Tension:	24(dynes/cm 24) (water = 1.0)
Ideal Operating Temp (°F):	Room temperature or heated to 145 °F maximum
Ideal Operating Concentration:	Full Strength
Specific Gravity:	0.9835 - 0.9924 (@ 68 °F)
VOC Content (ASTM D-2369, Method 24)	3.85 lbs./gal or 437 grams/liter
Weight/Gal.	8.2 (lbs. /gal.)
Recycling Parameters (Vacuum Distillation):	300 °F and 27 mm Hg Pressure
Product #	02-W249574



RECOMMENDED MATERIALS TO USE FOR; O-Rings, Gaskets, Hoses And Pump Packaging

- * FEP-Teflon
- * Ethylene-Propylene Copolymer
- * Ryton
- * Butyl Rubber
- * Kalrez
- * Buna-S
- * Fluorosilicone Rubber
- * Melamine
- * Mild Steel
- * Nylon 101
- * Halar

MATERIAL TO AVOID LONG TERM

- * Viton
- * PVC
- * Valox
- * ABS
- * Buna-N
- * Durel
- * Hypalon
- * Kynar
- * Lexan
- * Lucite
- * Noryl EN-265
- * PET
- * Noryl -731
- * Phenolic Polyester
- * Polysulfone
- * Polyurethane
- * Ultem

Safety & Handling Precautions

Refer to Safety Data Sheet prior to use

Direct contact of **FRP ULTRA™ RESIN REMOVER** will cause a serious eye irritation or skin irritation. It is important to utilize recommended gloves (natural rubber), safety goggles and other suitable protective clothing your company recommends. Aspiration hazard if swallowed. Keep liquid and vapor away from heat, sparks and flames. Keep container closed. Use with adequate ventilation. DO NOT take internally. Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mist. Wash thoroughly after handling.

Refer to SDS for use, disposal or additional safe handling.

Packaging & Storage

HDPE UN Rated
1 & 5 gallon pails
55 gallon steel drums (closed cap)

GO GREEN™ Saturated Wipes
75 wipes/Re-Usable Canister

This product should be kept in its original container above freezing and less than 100 °F.

Store drums in a dry area.

Disposal

Even though **FRP ULTRA™ Resin Remover** has a low order of toxicity, * with a low risk of environmental harm. Effluent analysis is required for proper waste disposal. The spent material can be recycled via vacuum distillation on site or by a mobile reclamation service. **Discharge your distill bottom and screened out solids according to Federal, State and Local Regulations.**

*Per OSHA & EPA regulations.

HMIS Rating

Health 2
Fire 2
Reactivity 0

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