



Global Specialty Products

USA, Inc

FRP-ULTRATM - RESIN REMOVER

**Environmentally Safe Direct Replacement
for
Acetone, MEK & Caustic Based Cleaners**

APPLICATION:

Superb performance, safety and low cost, **FRP- ULTRATM RESIN REMOVER** is a “Drop-In” replacement for acetone, MEK and caustic based cleaners. It is an environmentally safe organic multipurpose cleaner designed to effectively remove cured or uncured orthophthalic, isophthalic, dicyclopentadiene, vinyl ester and epoxy resins from your rollers, brushes, mixing equipment and spray chopper guns.

BENEFITS:

- ◆ **Cost Effective - Low Rate of Evaporation (Use Less)**
- ◆ **Simple Cleaning Process - Use As Is**
- ◆ **Superb Performance - More Efficient Than Acetone**
- ◆ **Low Toxicity - No Harmful Fumes**
- ◆ **Recyclable, Reclaimable and Reusable - Lower Disposal Cost**
- ◆ **Non-Carcinogenic - Eliminates Regulatory Issues**
- ◆ **Non-Flammable - Lower Insurance Premiums**
- ◆ **Biodegradable - Water Soluble**
- ◆ **Free Of Water - No Adverse Effect on Interlaminar Bond or Gel Coat**
- ◆ **High Resin Loading - Last Longer**

CLEANING PROCESS:

Use **FRP- ULTRATM- RESIN REMOVER FULL STRENGTH** at room temperature in a clean metal container with a fitted lid to remove “uncured” resins. Cleaning occurs through simple immersion. Upon removal, shake tools to remove excess solvent or dry tools with compressed air or hand wipe. Since the drying time is slower than Acetone and tools will remain wet, you can use multiple sets of tools allowing one set to dry while the other is in use. **DO NOT USE WATER TO RINSE OFF TOOLS OR PARTS.**

TYPICAL PROPERTIES

pH (50% solution in water @ 68 °F)	6.0 - 7.0	Odor	Mild
Flash Point (°F) (Cleveland Open Cup)	190	Viscosity (@ 68 °F) Brookfield Spindle #3, 10 RPM	Water Thin
Components Vapor Pressure @ 68 °F [mm Hg]	0.20 - 0.40	Specific Gravity (@ 68 °F)	0.980 - 1.010
Components Boiling Point @ 760 mm Hg (°F)	356 - 396	Weight/Gal. (lbs./gal.)	8.4

SAFETY AND HANDLING PRECAUTIONS:

FRP- ULTRA™ - RESIN REMOVER is a mixture of environmentally safe organic solvents. Although, direct contact can cause a strong skin or eye irritation, it is very important to utilize recommended gloves (natural rubber), safety goggles and other suitable protective clothing your company recommends. **FRP- ULTRA™ - RESIN REMOVER** is harmful if inhaled or swallowed. Do Not take internally. Use this product with adequate ventilation. If splashed in eyes or on skin, wash off with plenty of water. If swallowed, remove from exposed area and call a physician immediately. Washout mouth thoroughly with water and drink several glasses of water. If not already in place, put an emergency shower at work stations if a spill or a line break of **FRP-ULTRA™ - RESIN REMOVER** occurs.

DISPOSAL:

Solutions containing hazardous or non hazardous soils should be handled and treated according to Federal, State and Local Environmental Laws. Even though **FRP- ULTRA™ - RESIN REMOVER** is biodegradable, the spent material should not be disposed of in any sewerage system. The used material can be recycled via vacuum distillation on-site or by a mobile reclamation service company. Discharge your distill bottom and screened out solids according to Federal, State and Local Regulations.

RECOMMENDED MATERIALS TO USE:

O-RINGS, GASKETS, HOSES AND PUMP PACKAGING:

- 1) Teflon
- 2) Butyl Rubber
- 3) Kalrez
- 4) Buna-S
- 5) Ethylene-Propylene Copolymer
- 6) Fluorosilicone Rubber

MATERIALS TO AVOID:

PVC, Viton, ABS, Buna-N, Kynar, Lexan, Noryl EN-265, PET

STORAGE/PACKAGING:

Packaged in Carbon Steel 1020, 5 gallon pails and 55 gallon drums.
Store drums in a dry area. Keep from freezing.

HMIS Rating: Health = 1 Fire = 2 Reactivity = 0

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