

Technical Datasheet

Prime Flex Eco Flush



Reusable, biodegradable pump flush

Description

Eco Flush is a low-toxicity, non-chlorinated, non-flammable solvent formulated for flushing and cleaning Prime Flex polyurethane and Prime Rez epoxy injection resins out of injection pumps and hoses. The product is a mixture of glycol ethers.

Primary Applications

- Flushing liquid resins from pumps, hoses and other dispensing equipment
- Cleaning and soaking accessories
- Flushing of various other polymers including acrylics, methacrylates and polyurethane adhesives

Advantages

- Extremely effective
- Biodegradable
- Low toxicity
- Reusable

Packaging

- 5 gallon pails

Weight

- A side: 10.258 lb/gallon
- B side: 9.022 lb/gallon

Physical Properties

Flashpoint > 175°F (79°C) liquid

Material Preparation

Initial Flush: Pour one to two gallons of Eco Flush into clean 5 gallon pail. Purge resin material from pump with Eco Flush until clean stream of solvent is flowing from output hose. The resin-rich solvent from this phase will need to be disposed of properly.

Recirculation: Direct the output hose back into the solvent pail and allow pump to re-circulate for 2 -3 minutes. Retain this used solvent for the Initial Flush sequence.

Final Flush: Pour one to two gallons of fresh Eco Flush into a clean 5 gallon pail. Purge the previously used Eco Flush from the pump. When a clear stream of solvent flows from the output hose, direct the flow back into the solvent pail and re-circulate for 2 -3 minutes. Purge Eco Flush from pump with low viscosity motor oil for storage. Retain this used solvent for recirculation or final flush sequence.

Reusing Eco Flush: Eco Flush can be used multiple times. Dispose of Eco Flush properly once the material is too stained to see through.

Limitations

Will cause Viton seals to swell if left soaking for 24 hours. If using to flush equipment with Viton seals, flush our Eco Flush out of the equipment with lightweight motor oil.

Storage

Store in dry environment between 40 and 80°F (4 - 27°C). Do not allow product to freeze.

Shelf Life: 18 months from date of manufacture in unopened containers properly stored. Protect from moisture.

Clean up

Clean off of skin with soap and water immediately.

Shipping

Shipping Class: UN NA1993

Hazard Classification: Combustible liquid, n.o.s., ((2-Methoxymethylethoxy) propanol)

Warranty & Disclaimer

Prime Resins, Inc. warrants its products to be free from manufacturing defects and that products meet the published characteristics when tested in accordance with ASTM and Prime Resins standards. No other warranties by Prime Resins, Inc. are expressed or implied, including no warranty of merchantability or fitness for a particular purpose. Prime Resins, Inc. will not be liable for damages of any sort resulting from any claimed breach of warranty. Prime Resins' liability under this warranty is limited to replacement of material or refund of sales price of the material. There are no warranties on any product that has exceeded the "shelf life" or "expiration date" printed on the package label.

Manufacturing

Products are manufactured by Prime Resins, Inc. in the U.S.A. under strict quality assurance practices at our Conyers, GA plant.

Environmental Protection

Dispose of according to appropriate regulations. Clean up any spilled liquid material and dispose of according to local, state and federal guidelines.

Health & Safety

Safety

Use OSHA-approved personal protective equipment (PPE), including safety glasses, gloves and confined space equipment/procedures if applicable. Avoid skin contact; do not ingest. See SDS for complete safety precautions. For professional use only.

First Aid

Eye Contact: Immediately flush with large amounts of water. Seek medical attention.

Inhalation: Move to fresh air if symptoms occur. If breathing is difficult, seek medical attention.

Ingestion: Seek medical attention immediately.

Skin Contact: Wipe off contaminated area and wash with soap and water immediately.