



TERRALOK™ Pump Flush

Technical Data Sheet

TERRA-LOK™ Pump Flush

Terra-Lok Pump Flush is a highly effective flush and parts cleaner for airless paint and coating pumps including ancillary parts used in the application of Terra-Lok single component prepolymer products.

DIRECTIONS FOR USE

Flushing

Use full strength at room temperature, mild heat will enhance the cleaning performance.

Immersion Cleaning (Loose Parts Only!)

Submerge parts to be cleaned. Let soak until residual prepolymer is loosened and can be wiped clean. Mild heating of Terra-Lok Pump Flush to 145°F using an ultrasonic cleaner or equivalent tank will enhance the cleaning performance. Filtering out the large reacted particles using a cloth or metal mesh filter media will help extend the life of the solvent.

Recommended Materials to Use For:

O-Rings Gaskets, Hoses, and Pump Packaging

ENVIRONMENTAL

DOES NOT CONTAIN RAW MATERIALS LISTED ON THE FOLLOWING:

- NJ Community Right to Know Environmental Hazardous Substance List
- SARA Title 313
- State of California (Prop 65) to cause cancer, birth defects, or other reproductive harm
- Section 112(b) of Hazardous Air Pollutants (HAPs)
- Does Not contain Ozone Depleting Chemicals
- Replaces solvents such as NMP, Acetone, MEK, Methylene Chloride, and I,I,I - Trichloroethane

FEATURES & BENEFITS

Low VOC

High Resin & Polymer Loading

Residue Free – No Rinsing Required

Low Vapor Pressure and High Boil Point minimizes chemical loss due to evaporation

MATERIALS SAFE TO USE WITH

| | | |
|----------------|------------|---------------|
| Teflon | Mild Steel | Polyethylene |
| Butyl Rubber | Halar | Polypropylene |
| Silicon Rubber | Melamine | Ryton |
| Klarez | Nylon 101 | |

MATERIALS TO AVOID LONG-TERM

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

TYPICAL PHYSICAL & CHEMICAL PROPERTIES

| | |
|---|-----------------------------------|
| Appearance | Colorless – Slight Amber |
| Flash Point (Pensky-Martins Closed Cup) | 169°F |
| Odor | Mild Organic Ester |
| pH (50% solution in Water @68°F) | 6.8 – 7.8 |
| Surface Tension | 24 (dynes/cm 24) (water = 1.0) |
| Ideal Operating Temp | Room Temperature or Maximum 140°F |

| | |
|--|--------------------------------------|
| Ideal Operating Concentration | Full Strength |
| Weight/Gal.) | 8.2 (lbs. / gal.) |
| VOC Content (ASTM D-2369, Method 24) | 3.85 lbs./gal or 437 grams/liter |
| Recycling Parameters (Vacuum Distillation) | 300°F & 27 mm Hg Pressure |
| HMIS Rating | Health = 2; Fire = 2; Reactivity = 0 |

PACKAGING & STORAGE

HDPE UN RATED

5 Gallon Pails

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

Safety & Handling Precautions

Refer to SDS for use, disposal, and additional safe handling

Direct contact of Terra-Lok™ Pump Flush **will cause serious eye or skin irritation**. It is important to utilize recommended gloves (industrial 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.

Disposal

Refer to SDS for use, disposal, and additional safe handling

Even though Terra-Lok™ Pump Flush 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.

The Information contained herein is believed to be reliable, but no representations, guarantees, or warranties of any kind are made as to its accuracy, suitability for particular applications or the results to be obtained there from. The information is based on laboratory work with small-scale equipment and does not necessarily indicate end product performance. Because of the variation in methods, conditions and equipment used commercially in processing these materials, no warranties or guarantees are made as to the suitability of the products for the application disclosed. Full-scale testing and end product performance are the sole responsibility of the user. NCFI Polyurethanes shall not be liable for and the customer assumes all risk and liability of any use or handling of any material beyond NCFI's direct control. NCFI MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Nothing contained herein is to be considered as permission, recommendations, nor as an inducement to practice any patented invention without permission of the patent owner.