

SURF X FLUSH 2000TM Polyurethane Foam, Resin & Coating Remover is highly effective in Flushing and Immersion cleaning of spray equipment, mixing and metering equipment and feed lines, as well as loosening and removing cured urethane foam deposits and build-up from mixing heads, troughs, conveyor parts, side walls, rollers, foam cutting devices and molds. It is also ideal for cleaning overspray polymer, resins and coatings.

Effectively Removes:

- ∅ Polyurethane Foam (Reacted Part A & B), Flexible & Rigid Polyurethane Foam, both MDI and TDI esters and ethers, Cured Polyurethane Reactive Hot Melt Urethane Adhesives from roll coating equipment & dispensing equipment, as well as, many other Industrial Adhesives.
- ∅ Polyols, crystallized isocyanates, and other urethane intermediates. **However, in cleaning of isocyanate sides of equipment (liquid isocyanates), NZD ISO FLUSHTM - Isocyanates Cleaner should be used.**
- ∅ Industrial Resins such as: Polyester, Vinylester, Epoxy and Pigmented Gel Coats, as well as, Fiberglass and Resin Mixture.
- ∅ Coatings such as: High & Low Solid Aliphatic, Water Born Epoxy Primers, Polyurethane, Acrylic, Varnishes and Alkyl Enamel.

Environmental

SURF X FLUSH 2000TM Does NOT Contain Raw Materials listed on the following;

- ∅ NJ Community Right to Know Environmental Hazardous Substance (EHS) 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)
- ∅ REACH Annex
- ∅ Does Not contain Ozon Depleting Chemicals
- ∅ **REPLACES** solvents such as NMP, Acetone, MEK, Methylene Chloride, and 1,1,1-Trichloroethane

Features & Benefits

- ∅ Low VOC
- ∅ High resin & polymer loading - can be used for an extended period
- ∅ Recyclable via vacuum distillation- resulting in reduced disposal costs
- ∅ Residue free - No Rinsing required
- ∅ 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. Therefore, whatever quantity you purchase, you will use and not loose to evaporation.

Direction for Use

Flushing

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

Immersion Cleaning

Submerge parts to be cleaned. Let soak until residue (s) are loosened and can be wiped clean. Then, rinse parts with water and dry. **Mild heating of SURF X FLUSH 2000TM to 145 ° F, as well as the use of ultrasonic immersion tank will enhances the loosening performance.** Mechanical filtering of larger urethane particles using a cheesecloth or metal mesh filter will help extend the life of the solvent. For more difficult cleaning applications (totally cured polymer & resins) use **CIRR D-BondTM** in immersion cleaning tank.

Typical Physical & Chemical Properties

Appearance	Colorless - slight amber	Specific Gravity (@ 68 °F)	0.980 - 0.984
Flash Point Pensky-Martins Closed Cup	169 °F	Weight/Gal.	8.2 (lbs. /gal.)
Odor	Mild Organic Ester	VOC Content (ASTM D-2369, Method 24)	3.85 lbs./gal or 437 grams/liter
pH (50% solution in water @ 68 °F)	6.8 - 7.8	Recycling Parameters (Vacuum Distillation)	300°F & 27 mm Hg Pressure
Surface Tension	24 (dynes/cm 24) (water = 1.0)	HMIS Rating:	Health = 2; Fire = 2; Reactivity = 0
Ideal Operating Temp (°F)	Room Temperature or maximum 140 °F	Product / Part #	02-W189568
Ideal Operating Concentration	Full Strength		

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

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

MATERIALS TO AVOID LONG TERM

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

Safety & Handling Precautions

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

Direct contact of **SURF X FLUSH 2000™** 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.

Disposal

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

Even though **SURF X FLUSH 2000™** 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.**

Packaging & Storage

HDPE UN Rated

1 Gallon EasyPour Jugs
5 Gallon Pails
55 Gallon Steel Drums (closed cap)
GO GREEN™ Wipes in an "Easy Carry Bucket" (90 12 " x 12" Polypropylene Saturated Wipes)

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

Store drums in a dry area.

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