

SURF X FLUSH 2000™

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Polyurethane Foam & Resin Remover

The Best Polyurethane Foam & Resin Remover for the Spray Foam Industry. It is a mixture of Environmentally Sensible organic solvents, wetting agents and a corrosion inhibitor. It **DOES NOT CONTAIN** any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm. It **DOES NOT CONTAIN** any raw materials listed on Section 112 (b) Hazardous Air Pollutants List. Replacing Acetone, NMP, MEK, Methylene Chloride, and caustic based cleaners. 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.

SURF X FLUSH 2000™

Is a solvent based Polyurethane Foam / Resin Remover. 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.

SURF X FLUSH 2000™ 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 FLUSH™ - 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.

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Flushing: Use Full Strength (do not add water) at Room Temperature (Mild heating (130 °F) will enhance the cleaning performance.

Immersion Cleaning: Submerge parts to be cleaned. Let them soak until residue is loosened and can be wiped. Then rinse parts with water and dry.

Mild heating (130 °F) of **SURF X FLUSH 2000™** as well as, the use of ultrasonic immersion tank enhances the cleaning 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, use **CIRR D-Bond™** in immersion cleaning tank.

Use Natural Rubber Gloves when handling this product.

Typical Properties

Appearance:	Clear liquid - Colorless to slight amber
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
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-W189568



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 | |

Safety & Handling Precautions

Refer to Safety Data Sheet prior to use

Direct contact of **SURF X FLUSH - 2000™ Polyurethane Foam & 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.

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 | |

Disposal

Even though **SURF X FLUSH 2000™ Polyurethane Foam & 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.**

HMIS Rating

Health	2
Fire	2
Reactivity	0

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