SURF X FLUSH 2000™ 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.

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 Alky Enamel.

Environmental

SURF X FLUSH 2000™ Does NOT Contain Raw Materials
- Listed on NJ Community Right to Know Environmental Hazardous Substance (EHS) List
- Listed on ARA Title 313
- Known to the State of California (Prop 65) to cause cancer, birth defects or other reproductive harm
- Listed on section 112(b) of Hazardous Air Pollutants (HAPs)
- Listed on REACH Annex
- Listed on Ozon Depleting Chemicals
- REPLACES solvents such as NMP, Acetone, MEK, Methylene Chloride, and 1,1,1-Trichloroethane

Features & Benefits
- 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 2000™ to 130 ° 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-Bond™ in immersion cleaning tank.
Typical Physical & Chemical Properties

**Appearance**
- Colorless - slight amber

**Flash Point**
- 169°F

**Odor**
- Mild Organic Ester

**pH** (50% solution in water @ 68 °F)
- 6.8 - 7.8

**Surface Tension**
- 24(dyne/cm 24) (water = 1.0)

**Ideal Operating Temp (°F)**
- Room Temperature

**Ideal Operating Concentration**
- Full Strength

**Specific Gravity (@ 68 °F)**
- 0.9835 - 0.9924

**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

**Product / Part #**
- 02-W129562

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**RECOMMENDED MATERIALS TO USE FOR:**

O-Rings, Gaskets, Hoses And Pump Packaging

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

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**MATERIALS TO AVOID**

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**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.**

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**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.**