

SURF X FLUSH 2000™

Applications

SURF X FLUSH 2000™ is an environmentally sensible, non-HAPs solvent based cleaner. 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.

Non-Flammable

Biodegradable

Water Miscible

Recyclable

Low VOC's

No ODC's

Non-HAPs

Mild Odor

Low Rate
of Evaporation

General Properties

SURF X FLUSH 2000™ Is a mixture of organic solvents, wetting agents and a corrosion inhibitor designed to replace Acetone, MEK, Methylene Chloride, Aromatic and Aliphatic Solvents. It evaporates 237 times slower than Acetone and MEK and 600 times slower than Methylene Chloride (due to its low vapor pressure and high boiling point), whatever quantity you purchase, you will use. **It is recyclable via vacuum distillation**, resulting in reduced disposal costs. Compatible and non corrosive on various substrates such as; metal, plastic and glass.

Cleaning Process

FLUSHING: Use **FULL STRENGTH** at room temperature, mild heat will enhance the cleaning performance.

IMMERSION CLEANING: Submerge parts to be and soak until residues are loosened. Rinse parts with water and dry.

Mild Heating (130 °F) of **SURF X FLUSH 2000™** as well as, the **use of ultrasonic immersion tank** will **enhance 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.

Do not add water or atomize this product



Typical Properties

Appearance:	Clear liquid - Colorless to slight amber
Flash Point:	>169 °F Pensky-Martins Closed Cup
Odor:	Mild Organic Ester
Surface Tension (dynes/cm) (water = 1.0):	24
pH (10% solution in water @ 68 °F):	6.2 - 6.6
Ideal Operating Temp (°F):	Room Temperature
Ideal Operating Concentration:	Full Strength
Specific Gravity:	0.9835 - 0.9924 (@ 68 °F)
Weight/Gal.:	8.20 - 8.27 (lbs. /gal.)
Components Boiling Point:	356 - 396 °F
Composite Vapor Pressure:	0.9000 mm Hg
VOC Content (ASTM D-2369, Method 24)	3.85 lbs./gal or 437 grams/liter

Safety and Handling Precautions

Aspiration hazard if swallowed. Keep liquid and vapor away from heat, sparks and flames. Keep container closed. Use with adequate ventilation. **DO NOT HEAT THIS PRODUCT ABOVE 150 °F. DO NOT** take internally. Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mist. Wash thoroughly after handling. **EYE CONTACT:** This product is non-corrosive and water miscible. In case of eye contact, immediately flush eyes with plenty of water until the irritation stops. Call a physician if the irritation persists. **SKIN CONTACT:** Remove contaminated clothing and shoes. Wipe excess from skin, flush with soap and plenty of water. **INHALATION:** Move victim to fresh air. Give oxygen if breathing is difficult. Seek medical attention. **INGESTION: DO NOT** induce vomiting. Give one glass of water, Seek medical attention. **FIRE:** Use water, fog foam, dry chemical or carbon dioxide. **DO NOT** use a direct stream of water, product will float and may re-ignite. **SPILL OR LEAK:** Eliminate source of ignition. Liquid or vapors can spread and result in flash fire. Contain and recover product as appropriate. Use appropriate protective clothing. Use natural rubber gloves to handle. Keep out of sewers and water systems. May cause eye irritation. **Refer to material safety data sheet prior to use.**

Disposal

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. Dispose of spent material according to Federal, State/Provincial and local environmental laws. The spent material can be recycled via vacuum distillation on site or by a mobile reclamation service company. Discharge your distill bottom and screened out solids according to Federal, State and Local Regulations. *Per OSHA & EPA regulations.

Recommended Materials to Use for; O-Rings, Gaskets, Hoses & Pump Packaging:

Teflon, Butyl Rubber, Buna-S, Ethylene-Propylene Copolymer, Kalrez, Fluorosilicone Rubber, Mild Steel, Halar, Melamine, Nylon 101, Ryton.

Materials to Avoid: Viton, PVC, ABS, Buna-N, Durel, Hypalon, Kynar, Lexan, Lucite, Noryl EN-265, Noryl 731, PET, Phenolic, Polyester, Polysulfone, Polyurethane, Ultem, Valox.

Packaging / Storage

Packaged in HDPE UN Rated 1, 5 gallon pails, and 55 gallon steel drums (closed cap) & **GO GREEN WIPES™** This product should be kept in its original container above freezing and less than 100 °F. **Store drums in a dry area.**

HMIS Rating

Health 2 Fire 2 Reactivity 0

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MAR 2015