



PROTECTION, MAINTENANCE, PERFORMANCE



ENVIRONMENTAL

- ☞ VOC Exempt
- ☞ Non-Flammable
- ☞ Non-Hazardous
- ☞ Non-Toxic
- ☞ Non-hydroscopic
- ☞ No ODC's
- ☞ Non-Corrosive
- ☞ None of the Ingredients are listed on (CA PROP 65)
- ☞ No SARA 311, 312, 313 Ingredients
- ☞ Non HAPs
- ☞ REACH Compliant

TYPICAL PROPERTIES

Appearance:	Clear liquid Colorless to slight amber
Odor:	Slight Characteristic
Ideal Operating Temp	Room Temperature
Concentration	Full Strength
pH @50%	6.5 - 7.5
Freezing Point	-70 °C (-94 °F)
Flash Point:	116 - 120 °C (241 - 248 °F)
Vapor Pressure (components)	≤ 0.02 mmHg @ 20 °C (68 °F)
Vapor Density	1.2 - 7.5 @ 20 °C (68 °F) (Air= 1.0)
Specific Gravity:	1.090 - 1.095 @ 20 °C (68 °F) Reference substance: (water= 1)
Components Boiling Point @ 760 mmHg	242 - 255 °C (467.6 - 491 °F)
Solubility in water	Soluble
VOC	Exempt
Recycling Parameters (Vacuum Distillation)	195-253°F @ 760 mmHg Pressure
Weight/Gal.	9.1 (lbs. /gal.)
HMIS Rating	Health = 1; Fire = 1; Reactivity = 0
Product #	02-WV400590

SurfaLube™ Equipment Storage Fluid is used in Urethane Dispensing and Polyurea Spray Equipment for mid to long-term Storage (up to 36 months).

SurfaLube™ is a plasticizer that prevents Isocyanate Polymers from forming crystals. It makes polymers flexible and soft and is designed to avoid forming isocyanate (A) crystals inside transfer pumps, hoses, proportioners, and guns. It is **ideal for winterizing your rigs** and can withstand severe cold environments without freezing (the freezing point is -70 °C (-94 °F)).

SurfaLube™ Eco-Friendly Ingredients are formulated to keep the ISO (A) line or Resin (B) line from hardening. **However, there may be a reaction if moisture is present in the lines and a small or large amount of Isocyanates. The system must be flushed correctly to avoid any issues.**

FLUSHING prior to use of SurfaLube™:

During Flushing, make sure the heaters on the machine are turned off.

Flush at Room Temperature via pump circulation your spray foam equipment (hoses, proportioner, guns, pumps, etc.) **with either.**

NZD ISO FLUSH™ Isocyanate Cleaner & Neutralizer (Liquid Iso Part A) and minimum hardened Iso)

OR

SURF X FLUSH 2000™ (a considerable amount of hardened Iso).

PREPARING THE SYSTEM FOR STORAGE:

Once the flushing step is completed, the lines should be purged (through hoses and spray lines) using SurfaLube™. This will remove any leftover **NZD ISO FLUSH™** and ISO (A) mixture. Once the purging phase is completed, fresh "**Virgin**" **SurfaLube™** can be introduced to the mid-term or long-term storage equipment. The equipment should be stored in a cool, dry, moisture-free area until it is ready to be used again. When you are ready to spray again, start the unit, flush out **SurfaLube™** thoroughly, and purge your ISO line with a couple of Qts. of Isocyanate. **(The first few pounds of Parts A & B sprayed through the system should be scrapped to avoid adhesion failure. Now You are Ready To Spray!**

SurfaLube™ is a safe and gentle storage fluid that won't damage your equipment's O-rings, gaskets, seals, and lining. It meets industry standards and regulatory needs and is an excellent choice for end-use contractors who require superior and long-term storage requirements. If you're looking for a reliable and safe storage fluid for your equipment, **SurfaLube™ is the perfect solution.**

To keep your Gun Mix Chamber clean and clear, use SURF X™ PRO 2000 Gun Flush on a daily basis. this will allow you to achieve smooth and even spraying throughout the day. **Be Sure to Flush your Spray Guns** thoroughly with **SURF X™ PRO 2000 Gun Flush** which removes most cured Polyurethane Foam (Part A+B).



PACKAGING & STORAGE

HDPE UN Rated

1 Gallon EasyPour Jugs
5 Gallon Pails
55 Gallon Steel Drums (closed cap)

Freight easily shipped via local carriers ground or LTL.

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

Store drums in a dry area.

Physical Attributes

Stability & Compatibility

SurfaLube™ Equipment Storage Fluid is stable under normal storage conditions. It is compatible with machines and transfer pumps made of Carbon Steel or Stainless Steel and Aluminum Alloys.

PREFERRED HOSE AND GASKET MATERIALS ARE:

☞ Cork ☞ Natural Rubber ☞ Neoprene ☞ EPR ☞ Polyethylene ☞ Teflon

Buna N, Hypalon and Viton **are not suitable** gasket materials for mid to long-term (days and weeks) storage. Information from material suppliers and specific conditions of contact should be considered in the selection of suitable materials.

Information from material suppliers and specific conditions of contact should be considered in the selection of suitable materials.

SAFETY & HANDLING PRECAUTIONS

Refer to SDS for additional safe handling & disposal

Direct contact of **SurfaLube™** causes serious eye irritation. Causes 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. Avoid contact with skin, eyes and clothing. Do not heat this product. Keep liquid and vapor away from heat, sparks and flames. Keep container closed. DO NOT take internally. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

DISPOSAL

Refer to SDS for additional safe handling & disposal

SurfaLube™ 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 added to your non-hazardous waste stream (cleaning solvents) to be disposed of according to Federal, State and Local Regulations.



10 Eagle Avenue - Suite 500 - Mount Holly, NJ 08060
Phone: 609-518-7577 / Fax: 609-518-5277