

SURF A SEAL™ Coalescent (non-Phthalate) also known as "SSC™ Liquid"

SURF A SEAL™ Coalescent SSC™ Liquid

(with full corrosion inhibition package)

Is an ECO Friendly, non-HAPs, Low Volatile and non-Hazardous Specialty Liquid,. It is an **ideal replacement for DPHP (Di-(2-Propyl Heptyl) Phthalate**. It is suitable for higher temperature applications such as:

Protecting Pump Packings: Preventing leakage and packing wear in the pump wet cup. Often, paints and coatings can accumulate on the Pump Displacement Rod while the pump is running. When the pump is not used and the rod is exposed to the air, the coating on the rod can dry and turn solid. Solid coating on the displacement rod will cause damage to the throat packings while the pump is restarted. To prevent premature packing wear, fill the pump wet cup half way full with **SSC™ Liquid**, this will dissolve the coatings and keep it soft. In addition, it forms a coalescent film on the displacement rod; preventing it from flash rusting.

Improving Weathering Behavior: It is an excellent choice for outdoor applications such as roofing membranes and tarpaulins. Automotive interior trim, wire & cable, etc. It decreases the attraction between polymer chains to make them more flexible.

Retarder Solvent: It is ideal choice as a retarder solvent for use in a variety of whether conditions, and over substrates with different levels of porosity in coil coatings, high baked enamels, and latex paints.

Physical Attributes (Stability & Compatibility)

SSC™ Liquid is stable under normal storage conditions. Reduce disposal costs by recycling the spent "**SSC™ Liquid** via vacuum distillation @760 mm Hg and (195-254) °C temperature.

Key Attributes

- * VOC Exempt
- * Non-HAPs
- * Non-SARA
- * Non-Flammable
- * No ODC's
- * Biodegradable
- * Non-Hydroscopic
- * Excellent Coalescent
- * non-Corrosive
- * Non-Reactive
- * Mild odor
- * Recyclable
- * Low Water Solubility
- * Excellent Hydrolytic Stability
- * REACH Compliant

Typical Properties

Appearance:	Clear liquid - Colorless to slight amber
Flash Point:	120 - 135 °C (248 - 275 °F)
Odor:	Slight characteristic
pH	6.85 - 7.00
Vapor Pressure	0.03 mmHg @ 20 °C (68 °F)
Ideal Operating Temp (°F) & Concentration:	Room Temperature/Full Strength
Relative Vapor Density	1.2 @ 7.5 @20 °C (68 °F) (Air= 1.0)
Specific Gravity:	1.040—1.050 (@ 68 °F)
Components Boiling Point	242 - 254 °C (467.6 - 489°F)
Components Vapor Pressure	0.01—0.03 mmHg @2020 °C (68 °F)
Weight/Gal.	8.67.0 (lbs. /gal)
Recycling Parameters (Vacuum Distillation):	(195 - 253) °F and 760 mm Hg Pressure
Product #	02-W600670
Solubility in water	Slightly Soluble



SSC™ Liquid is compatible with Machines and Transfer pumps made of Carbon steel or stainless steel and aluminum alloys.

Preferred hose and gasket materials are:

- * Teflon
- * EPR
- * Neoprene
- * Polyethylene
- * Cork and Natural Rubber

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.

Safety & Handling Precautions

Refer to Safety Data Sheet prior to use for additional safe handling & disposal

Direct contact of **SSC™ Liquid** 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. 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. 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 Safety Data Sheet prior to use for additional safe handling & disposal

Even though **SSC™ Liquid** 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)

Quart, 1 Gallon Easy Pour Jugs / 5 Gallon Pails

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 = 1; Fire = 1; Reactivity = 0

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