

## Material Safety Data Sheet

### *SeaKlear: Leak Sealer*

#### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Manufacturer's Name:** HaloSource, Inc.  
**Corporate Address:** 1631 220<sup>th</sup> St. SE, Suite 100, Bothell, WA 98021  
**Manufacturer's Telephone:** (425) 881-6464 (Monday-Friday, 8AM-5PM PDT)  
**Emergency Telephone:** **800-424-9300 Chemtrec** (24 Hours)  
**Material/Trade/Product Name:** **SeaKlear: Leak Sealer**  
**Synonyms:** None  
**Chemical Name:** Silicate  
**Chemical Formula:** Proprietary  
**CAS No.:** Not applicable.  
**EPA Registration #:** Not applicable  
**Product Use:** Seals minor leaks in swimming pools.

#### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

CAS NO.	COMPONENT	%	OSHA HAZARDOUS ?
1344-09-8	Sodium Silicate	<50	YES
	<i>All other components are non-hazardous.</i>	>50	NO

*NOTE: See Section 8 for permissible exposure limits.*

#### SECTION 3: HAZARDS IDENTIFICATION

##### EMERGENCY OVERVIEW

Clear to opaque liquid solution that is either odorless or has a faint soapy odor.

WARNING! Eye and skin irritant. Irritating if inhaled or swallowed.

##### POTENTIAL HEALTH EFFECTS

**EYE:** May cause severe irritation, pain and burns.

**SKIN:** May cause irritation.

**INHALATION:** May cause irritation of the respiratory tract, possibly with coughing, choking, and pain either immediately or more often within 72 hours.

**INGESTION:** May cause irritation of the esophagus and gastrointestinal tract.

**CHRONIC EXPOSURE/CARCINOGENICITY:** Repeated or prolonged contact may result in dermatitis. None of the components present in this material at concentrations of equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** May cause irritation of the respiratory tract, possibly with coughing, choking, and pain either immediately or more often within 72 hours. Pain and burns to eyes. Irritation to skin. Irritation if swallowed.

**AGGRAVATION OF PRE-EXISTING CONDITIONS:** None known.

**POTENTIAL ENVIRONMENTAL EFFECTS:** None known.

## SECTION 4: FIRST AID MEASURES

### FIRST AID PROCEDURES

**EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelids open. Contact a physician.

**SKIN CONTACT:** If skin contact occurs, immediately wash with water. DO NOT attempt to neutralize the acid with alkaline solution as this could aggravate the burns.

**INHALATION:** Although inhalation of a single bottle is unlikely to present a problem, call a physician. Ensure that airways are kept clear and commence artificial respiration where breathing has ceased. In the event of cardiac arrest, begin CPR and call emergency medical service.

**INGESTION:** If swallowed, give water or milk to drink. DO NOT induce vomiting. If vomiting occurs give further water to achieve dilution. Seek a physician immediately.

**NOTE TO PHYSICIANS:** None.

## SECTION 5: FIRE FIGHTING MEASURES

**FLASH POINT:** Not available

**UPPER FLAMMABLE LIMIT:** Not available

**FLAMMABILITY CLASS (OSHA):** Not applicable

**AUTOIGNITION TEMPERATURE:** Not available

**LOWER FLAMMABLE LIMIT:** Not available

**FLAME PROPAGATION/BURNING RATE:** Not available

**UNIQUE FIRE PROPERTIES:** None known.

**HAZARDOUS COMBUSTION PRODUCTS:** None known.

**EXTINGUISHING MEDIA:** Use extinguishing agents appropriate for surrounding fire.

**PROTECTION OF FIREFIGHTERS:** Although non-combustible, if involved in a fire, heating can cause explosion or decomposition leading to violent rupture of containers. Keep containers cool with spray. If safe to do so, remove containers from path of fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**PERSONAL PROTECTIVE EQUIPMENT:** See Section 8 (Personal Protective Equipment).

**ENVIRONMENTAL PRECAUTIONS:** None known.

**METHODS FOR CLEANING UP:** Slippery when spilled, clean up immediately. Use sand and earth to contain large quantities. Prevent run off into drains or waterways. Collect and seal in drums for disposal. Wash area with water to avoid solidification. Hot water is most effective.

## SECTION 7: HANDLING AND STORAGE

### SAFE HANDLING RECOMMENDATIONS

**VENTILATION:** Mechanical ventilation should be sufficient under normal conditions.

**FIRE PREVENTION:** Non-flammable, no special fire protection required.

**SPECIAL HANDLING REQUIREMENTS:** Avoid skin and eye contact. Use recommended PPE.

### SAFE STORAGE RECOMMENDATIONS

**CONTAINMENT:** Keep container tightly closed when not in use. Do not store in aluminum container or use aluminum fittings or transfer lines, as flammable hydrogen gas may be generated.

**STORAGE ROOM RECOMMENDATIONS:** Store in a cool, dry, well-ventilated area away from direct heat.

**INCOMPATIBLE MATERIALS:** Prolonged contact with aluminum, brass, bronze, copper, lead, tin, zinc, or other alkali sensitive metals or alloys. Contact with acids will cause gelling and evolution of heat.

**STORAGE CONDITIONS:** Store in a cool, dry, well-ventilated area away from direct heat. Do not store in conditions above 140°F.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Mechanical ventilation should be sufficient under normal conditions.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

**EYE/FACE PROTECTION:** For operations where eye or face contact can occur, wear chemical, splash proof goggles or face shield.

**SKIN PROTECTION:** For operations where skin contact can occur, wear impervious clothing such as apron, boots, or whole bodysuit.

**HAND PROTECTION:** For operations where hand contact can occur, wear PVC gloves.

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. None required if adequate ventilation is provided. If inadequate ventilation, wear self-contained breathing apparatus.

**GOOD HYGIENE/WORK PRACTICES:** Always follow good hygiene/work practices by avoiding vapors or mists and contact with eyes and skin. Thoroughly wash hands after handling and before eating or drinking. Always wear the appropriate PPE when repairing or performing maintenance on contaminated equipment.

### EXPOSURE GUIDELINES

PERMISSIBLE EXPOSURE LIMITS						
INGREDIENT CAS NO.	OSHA		WISHA		ACGIH (TLV)	
	TWA	STEL	TWA	STEL	TWA	STEL
None Established	None Established	None Established	None Established	None Established	None Established	None Established

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**COLOR:** Clear to opaque

**PHYSICAL FORM:** Liquid

**pH:** 11.2 – 11.8

**VAPOR DENSITY:** Not available

**MELTING POINT:** Not available

**SOLUBILITY IN WATER:** 100%

**SHAPE:** Liquid

**ODOR:** Odorless to faint soapy odor

**VAPOR PRESSURE:** Not available

**BOILING POINT:** 101 - 102° C

**FREEZING POINT:** -1° C

**SPECIFIC GRAVITY OR DENSITY:** 1.32 – 1.61

*NOTE: These physical data are typical values based on material tested but may vary from sample to sample. Values should not be construed as a guaranteed analysis of any specific lot or as specifications.*

## SECTION 10: STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Stable at normal temperatures and pressure. Prolonged contact with incompatible metals may produce flammable hydrogen gas.

**CONDITIONS TO AVOID:** Prolonged storage above 140°F. Contacts with acids will cause gelling and evolution of heat.

**MATERIALS TO AVOID (INCOMPATIBILITY):** Acids. Prolonged contact with aluminum, brass, bronze, copper, lead, tin, zinc, or other alkali sensitive metals or alloys.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## SECTION 11: TOXICOLOGICAL INFORMATION

**ORAL LD<sub>50</sub> (rat):** Not available.

**DERMAL LD<sub>50</sub> (rabbit):** Not available.

**SKIN IRRITATION:** Direct skin contact may cause irritation. Repeated or prolonged contact may result in dermatitis.

**EYE IRRITATION:** Direct contact to eyes may cause severe irritation, pain and burns, possibly severe. The degree of injury depends on the concentration and duration of contact. The full extent of the injury may not be immediately apparent. Repeated or prolonged contact may result in conjunctivitis.

**SKIN SENSITIZATION:** Not available.

**ADDITIONAL INFORMATION:** Inhalation may cause irritation of the respiratory tract, possibly with coughing, choking, and pain either immediately or more often within 72 hours. Depending on the concentration and duration of exposure, repeated or prolonged exposure may cause inflammatory changes in the nose, sinuses and bronchial regions. Ingestion may cause irritation of the esophagus and gastrointestinal tract.

## SECTION 12: ECOLOGICAL INFORMATION

**ECOTOXICITY:** This material is believed to be non-toxic to aquatic life.

**MOBILITY:** Not available.

**PERSISTENCE AND DEGRADABILITY:** This material is believed to persist in the environment. This material is inorganic and not subject to biodegradation.

**BIOACCUMULATIVE POTENTIAL:** This material is believed not to bioaccumulate.

**ADDITIONAL INFORMATION:** Not available.

## SECTION 13: DISPOSAL CONSIDERATIONS

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations. Consult state and local regulations regarding the proper disposal of this material.

*NOTE: Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate.*

## SECTION 14: TRANSPORT INFORMATION

### U.S. DEPARTMENT OF TRANSPORTATION (DOT):

<b>Proper Shipping Name:</b>	Not Regulated
<b>Hazard Class:</b>	Not Regulated
<b>Identification Number (UN Number):</b>	Not Regulated
<b>Packing Group (PG):</b>	Not Regulated

## SECTION 15: REGULATORY INFORMATION

**TSCA STATUS:** Components are listed

### CERCLA REPORTABLE QUANTITY (RQ):

CHEMICAL NAME	RQ
Not applicable	Not applicable

### SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (EHS):

CHEMICAL NAME	TPQ	RQ
Not applicable	Not applicable	Not applicable

**SARA TITLE III SECTION 311/312 HAZARD CATEGORIES:** Does this product/material meet the definition of the following hazard classes according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of SARA Title III?

ACUTE HEALTH HAZARD	CHRONIC HEALTH HAZARD	FIRE HAZARD	REACTIVE HAZARD	SUDDEN RELEASE OF PRESSURE
YES	NO	NO	NO	NO

**SARA TITLE III SECTION 313 TOXIC CHEMICALS INFORMATION:**

CHEMICAL NAME	CAS NO.	CONCENTRATION (%)
Not applicable	Not applicable	Not applicable

**CALIFORNIA PROPOSITION 65:** The following chemical(s) is/are known to the state of California to cause cancer or reproductive toxicity:

CHEMICAL NAME	CAS NO.	CONCENTRATION (%)
Not applicable	Not applicable	Not applicable

**SECTION 16: OTHER INFORMATION**

**REVISION INFORMATION:**

MSDS sections(s) changed since last revision of document: Section 1. Corporate address was updated.

**DISCLAIMER:**

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