

Vanson HaloSource, Inc.
Material Safety Data Sheet

Material Name: **SEA-KLEAR-Leak Sealer**
Telephone: **425-881-6464**

VHI-MSDS-02.17 Rev-2
Date Prepared: **12-23-02**

24-HOUR EMERGENCY PHONE: CHEMTREC 800-424-9300

SECTION I – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Manufacturer's Name: Vanson HaloSource, Inc.
Corporate Address: 14716 NE 87th Street, Redmond, WA 98052
Manufacturer's Phone (Emergency): 800-424-9300 Chemtrec
Manufacturer's Phone (Other): (425) 881-6464
Material Name: SEA KLEAR-Leak Sealer
Chemical Name: Silicate

SECTION II – COMPOSITION, INFORMATION ON INGREDIENTS

CAS NO.	INGREDIENT	%	EXPOSURE LIMITS
1344-09-8	Sodium Silicate, Silicate of soda, Silicic Acid, Sodium Salt		OSHA PEL: N/A OSHA ACGI TLV: NA STEL: N/A

PRINCIPAL HEALTH HAZARDS, INCLUDING SIGNIFICANT ROUTES, EFFECTS, AND SYMPTOMS OF OVEREXPOSURE AND MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE MAY BE:

EYE: May cause moderate irritation.

SKIN: None.

INHALATION: May cause irritation of the upper respiratory passages with coughing and discomfort.

INGESTION: Large amounts may cause digestive discomfort.

CARCINOGENICITY: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

SECTION IV - FIRST AID

EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

SKIN: 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.

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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..

SECTION V - FIRE FIGHTING MEASURES

HAZARDOUS COMBUSTION PRODUCTS: DO NOT add water or other liquid to silicic acid during a fire as a rigor.

EXTINGUISHING MEDIA: Dry chemical, Co2.

FIREFIGHTING INSTRUCTIONS: 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.

FLASH POINT: NA.

SECTION VI – ACCIDENTAL RELEASE MEASURES

SMALL SPILL: 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 more effective.

LARGE SPILL: No information on handling large spills.

DISPOSAL INFORMATION: Not classified as hazardous waste.

DISPOSAL METHODS: Disposal must be made in accordance with all applicable governmental regulations.

SECTION VII - HANDLING & STORAGE

HANDLING & STORAGE PRECAUTIONS: Protect from extreme temperatures. Extremely high temperatures may cause expansion of bulk containers. Store upright in sealed containers. Store away from foodstuffs. Exercise normal handling precautions for liquids.

SECTION VIII - EXPOSURE CONTROLS/ PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT (PPE): Good hygiene practices should be strictly followed. Before eating, drinking or smoking, wash face and hands thoroughly. For operations where eye or face contact may occur, wear chemical goggles or face shield. Showers and eyewash facilities should be accessible.

EYE PROTECTION: Safety glasses recommended.

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SKIN PROTECTION: Wash hands after working with.

PROTECTIVE CLOTHING: Rubber gloves and overalls.

PROTECTIVE FOOTWEAR: Rubber boots recommended.

RESPIRATORY PROTECTION: None required. If inadequate ventilation, wear self-contained breathing apparatus.

VENTILATION REQUIREMENTS: Generally adequate ventilation recommended.

SECTION IX - PHYSICAL & CHEMICAL PROPERTIES

PHYSICAL FORM: Slightly cloudy aqueous solution

ODOR: Odorless

MELTING POINT/FREEZE POINT: n/a

SOLUBILITY IN WATER: Water miscible.

BOILING POINT: 211° C

pH: ≈14

SPECIFIC GRAVITY: 1.42

Values should not be construed as a guaranteed analysis of any specific lot or as specifications.

SECTION X - STABILITY & REACTIVITY DATA

CHEMICAL STABILITY: Absorbs carbon dioxide on exposure to air, resulting in the deposition of insoluble silica.

HAZARDOUS POLYMERIZATION: NA

INCOMPATIBLES: NA

DECOMPOSITION PRODUCTS: Sulphur dioxide.

SECTION XI - TOXICOLOGICAL INFORMATION

ORAL LD₅₀ (rat): NA

DERMAL LD₅₀ (rabbit): NA

EYE IRRITATION (rabbit): N/A

SKIN IRRITATION (rabbit): N/A

INHALATION 4-hr LC50 (rat): NA

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SECTION XII - ECOLOGICAL INFORMATION

Fish 96-hour LC ₅₀	=	NA
Daphnia 48-hour LC ₅₀	=	N/A
Green algae 96-hour EC ₅₀	=	N/A
Fish Chronic Value (ChV)	=	N/A
Daphnia ChV	=	N/A
Algae ChV	=	N/A

SECTION XIII - DISPOSAL CONSIDERATION

WASTE DISPOSAL METHOD: Contaminated materials or waste should be placed in suitable receptacles and removed to chemical waste storage area for disposal. State and local regulations may differ from federal regulations. Dispose of containers and unused contents in accordance with all applicable federal, state, and local regulations. Normally suitable for disposal at approved land waste site after dilution or neutralization.

SECTION XIV - TRANSPORTATION INFORMATION

DOT Proper Shipping Name:	Sodium Silicate
DOT Hazard Class:	NA
Packing Group:	Unknown
UN Number:	3260
Product RQ (lbs.):	None
DOT Label:	None
DOT Placard:	None
Freight Class (package):	NA

SECTION XV - REGULATORY INFORMATION

MATERIAL IS REPORTED IN EPA TSCA INVENTORY LIST?: No

MATERIAL IS LISTED AS A CARCINOGEN/POTENTIAL CARCINOGEN IN FOLLOWING?: No

NTP ANNUAL REPORT: No **IARC GROUP I OR II:** No **OSHA 29CFR PART 1910 SUBPART Z:** No

DOES PRODUCT CONTAIN A TOXIC CHEMICAL SUBJECT TO SARA TITLE III SECTION 313 REPORTING: No

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This product does not contain any toxic chemicals in quantities subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 732.

SARA TITLE III SECTION 311/312 CLASSIFICATIONS: None

SECTION XVI – OTHER INFORMATION

The above information is based upon information Vanson-HaloSource Inc. believes to be reliable and is supplied for informational purposes only Vanson-HaloSource Inc. disclaims any liability for damage which results from the use of the above information and nothing contained therein shall constitute a guarantee, warranty (including fitness for a particular purpose) or representation with respect to the accuracy or completeness of the data, the product described or their use for any specific purpose even if that purpose is known to Vanson-HaloSource Inc. The final determination of the suitability of the information, the manner of use of the information or product and potential infringement is the sole responsibility of the user.