



Internal Concrete Sealer (ICS)

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Internal Concrete Sealer (ICS)
SDS Number: 12305-ICS
Revision Date: 9/4/2015
Product Description: Concrete sealer
Product Use: Chemically activated penetrating masonry sealer.
Supplier Details: HEARTWOOD CORP.
 2232 E. BURNSIDE
 PORTLAND, OR 97214
Emergency: 503-232-1705

2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):

Health, Skin corrosion/irritation, 2
 Health, Serious Eye Damage/Eye Irritation, 2 B

GHS Label elements, including precautionary statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H315 - Causes skin irritation
 H320 - Causes eye irritation

GHS Precautionary Statements:

P102 - Keep out of reach of children.
 P103 - Read label before use.
 P281 - Use personal protective equipment as required.
 P301 - IF SWALLOWED: May cause gastrointestinal irritation.
 P302 - IF ON SKIN: Prolonged or repeated and confined exposure may cause skin irritation. Wash contaminated clothing and footwear before reuse.
 P304 - IF INHALED: Remove to fresh air.
 P305 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists consult medical personnel.
 P352 - Wash with soap and water.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas#	%	Chemical Name
1344-09-8	<25%	Silicic acid, sodium salt
497-19-8	<1%	Carbonic acid disodium salt

The exact percentage (or concentration) of ingredients has been withheld as a trade secret.

Composition Comments: Components and trace elements not listed are either non-hazardous or are below reportable limits.



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4 FIRST AID MEASURES

Inhalation: Not considered dangerous.
Skin Contact: Prolonged or repeated and confined exposure may cause skin irritation. Wash contaminated clothing and footwear before reuse.
Eye Contact: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists consult medical personnel.
Ingestion: Swallowing may cause gastrointestinal irritation. If irritation persists consult medical personnel.

5 FIRE FIGHTING MEASURES

Flammability: Not flammable
Flash Point: N/A
LEL: N/A
UEL: N/A

EXTINGUISHING MEDIA: Water

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus with a full face piece operated in a pressure demand or other positive pressure mode.

6 ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb liquid on paper, vermiculite, floor absorbent or other absorbent material and transfer to labeled containers.

LARGE SPILL: Stop spill at source, dike area of spill to prevent spreading, pump liquid into salvage tank. Remaining liquid may be taken up on sand, clay, floor absorbent or other absorbent material and shoveled into labeled containers.

WASTE DISPOSAL METHOD: Review Federal, Provincial and Local Government requirements prior to disposal.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Exercise care and caution. Store in cool dry place.

OTHER PRECAUTIONS: Containers of this material may be hazardous when emptied, since emptied containers retain product residues (vapor, liquid and/or solids), all hazard precautions given in the data sheet must be observed.

7 HANDLING AND STORAGE

Handling Precautions: Keep material out of reach of children.

Storage Requirements: Store in cool/dry area.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment:
RESPIRATORY PROTECTION: If TLV of the product or component is exceeded, a NIOSH/MSHA jointly approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators under specified condition.
Ventilation: Provide general or mechanical ventilation or local exhaust.
SKIN PROTECTION: Use impermeable gloves to prevent skin contact. Use head caps, boots, chemical aprons when necessary.
EYE PROTECTION: Use safety eyewear designed to protect eyes against liquid splash and mists. Consult your safety equipment supplier.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Use protective clothing to prevent skin contact. Use head caps, boots, chemical aprons when necessary.
WORK/HYGIENIC PRACTICES: Eyewashes and safety showers in the workplace are recommended. Wash hands after using. Monitor exposure levels.

9 PHYSICAL AND CHEMICAL PROPERTIES



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Appearance:	Clear to pale gray	Odor:	Mild
Physical State:	Liquid	Solubility:	100% in water
Odor Threshold:	No data available	Freezing/Melting Pt.:	No data available
Spec Grav./Density:	1.03 - 1.05	Flash Point:	None
Viscosity:	Water thin	Vapor Density:	No data available
Boiling Point:	No data available	Auto-Ignition Temp:	No data available
Flammability:	None	UFL/LFL:	No data available
Partition Coefficient:	No data available		
Vapor Pressure:	No data available		
pH:	10 - 11.5		
Evap. Rate:	No data available		
Decomp Temp:	No data available		

10 STABILITY AND REACTIVITY

Reactivity:	Product is stable under normal conditions.
Chemical Stability:	Product is stable under normal conditions.
Conditions to Avoid:	N/A
Materials to Avoid:	Strong Oxidizing Agents, Acids.
Hazardous Decomposition:	Not known.
Hazardous Polymerization:	Will not occur.

11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - 4,090 mg/kg

LC50 Inhalation - rat - 2 h - 5,750 mg/l

Dermal: no data available

Skin corrosion/irritation: Skin - rabbit Result: Mild skin irritation - 24 h

Serious eye damage/eye irritation: Eyes - rabbit Result: Eye irritation - 24 h

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP, OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information: no data available

12 ECOLOGICAL INFORMATION

Information on ecological effects

Toxicity to fish LC50 - Lepomis macrochirus (Bluegill) - 300 mg/l - 96 h.

Toxicity to daphnia and EC50 - Daphnia magna (Water flea) - 265 mg/l - 48 h.

other aquatic invertebrates

Persistence and degradability: readily biodegradable

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted



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13 DISPOSAL CONSIDERATIONS

Waste Disposal Method: Review Federal, Provincial and Local Government requirements prior to disposal.

14 TRANSPORT INFORMATION

Non-hazardous.

15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

Silicic acid, sodium salt (1344-09-8) [<25%] TSCA
Carbonic acid disodium salt (497-19-8) [<1%] TSCA

SARA Title III chemicals: None

California Prop 65 chemicals: This product contains no chemicals known to the State of California to cause cancer or reproductive toxicity.

CERCLA reportable quantity: None

RCRA hazardous waste no: None

16 OTHER INFORMATION

HMIS III: Health = 1, Fire = 0, Physical Hazard = 0

HMIS PPE: B - Safety Glasses, Gloves

HMIS	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B



HMIS Index: 1-slight , 2-moderate, 3-serious, 4-severe

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