

Material Safety Data Sheet

Stone Spray-N-Seal®

Date of Preparation: July 14, 2010

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Stone Spray-N-Seal®

Product Codes: 10041F, 10042F, 10043F, 20003F

Chemical Formula: Mixture

CAS Number: Mixture – See Below

General Use: Water-based Sealer for Natural Stone

Manufacturer: Stone Care International Inc. P.O. Box #703, Owings Mills, Maryland 21117-0703

Phone: 410-783-0045

24-Hour Phone Number for Medical & Spill Emergencies: 1-800-535-5053

Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% wt.
Water	7732-18-5	80 - 90 %
Trade Secret Non-Hazardous Ingredients (anionic fluorochemical dispersion)	CAS Unknown	5 - 15 %
1-Propoxy-2-propanol	1569-01-3	1 - 10 %

IARC, NTP, and OSHA do not list any of the components of this product as human carcinogens.

Ingredient	CAS #	OSHA		ACGIH		NIOSH		IDLH
		PEL	STEL	TLV	STEL	REL	STEL	
1-Propoxy-2-propanol	1569-01-3	NE	NE	NE	NE	NE	NE	NE

Section 3 - Hazards Identification

Potential Health Effects:

Primary Entry Routes: Inhalation, Skin Contact, Eye Exposure, Ingestion

Target Organs: Respiratory System, Kidney, Liver, Eye, Skin, G.I. Tract (if swallowed).

Acute Effects

Inhalation: Prolonged, repeated exposure of spray mist may cause irritation to upper respiratory tract.

Eye: Direct contact may cause irritation, redness and discomfort.

Skin: Irritation may occur with direct contact or with repeated exposures.

Ingestion: Ingestion may cause abdominal discomfort, vomiting or nausea.

Chronic Effects

Carcinogenicity: IARC, NTP, and OSHA do not list any of the components of this product as human carcinogens.

Medical Conditions Aggravated by Long-Term Exposure: Individuals with skin conditions (dermatoses) may be affected by direct skin exposure.

HMIS	
H	1
F	0
R	0
PPE†	B
†Sec. 8	

Section 4 - First Aid Measures

Inhalation: Remove affected individual from contaminated area to fresh-air. If respiratory symptoms such as difficulty in breathing continue after removal from the area, seek medical attention.

Eye Contact: Immediately flush eyes with large quantities of water for at least 15 minutes. Holding the eyelids apart, thoroughly irrigate the entire surface of the eyes and lids. Do not apply any medicating agents except on the advice of a physician. Obtain medical attention if irritation persists or vision is affected.

Skin Contact: Wash exposed areas with soap and water for several minutes. Remove contaminated clothing and laundry.

Ingestion: Do not induce vomiting or administer emetics. Give 2-3 glasses of water. Do not give anything by mouth to an unconscious person. Seek immediate medical assistance.

Section 5 - Fire-Fighting Measures

Flash Point: Non-flammable

Flash Point Method: NA

Burning Rate: NA

Auto-ignition Temperature: NA

LEL: NA

UEL: NA

Flammability Classification: NA

Extinguishing Media: NA

Unusual Fire or Explosion Hazards: This product is not considered combustible.

Hazardous Combustion Products: None expected.

Fire-Fighting Instructions: No Special Instructions. This product will not burn under normal conditions.

Fire-Fighting Equipment: Wear full protective clothing and positive-pressure, self-contained breathing apparatus if this product is involved in a fire.



Section 6 - Accidental Release Measures

Spill /Leak Procedures: Small spills can be cleaned up with absorbent towels and placed in the trash as permitted by regulatory authorities. Large spills can be absorbed by inert materials and placed into a container for proper disposal.

Section 7 - Handling and Storage

Handling Precautions: Do not eat, drink or smoke while using this product. Avoid direct contact with food products and remove exposed food items prior to use, to prevent over-spray. Avoid contact with eyes, skin and clothing. Wash hands after use with soap and water. Keep all chemicals out of the reach of children and animals.

Storage Requirements: Store in a cool, dry area in an upright position. Secure all household chemicals from child access. Avoid freezing conditions or excessive heat exposure.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Not typically required.

Gloves: For maximum protection, use Nitrile or Latex gloves.

Protective Clothing: Not required under normal conditions of use. Prevent contact with skin and clothing.

Respiratory Protection: Not typically required. Maintain adequate ventilation with any chemical use.

Eye Protection: Safety glasses or goggles are recommended to prevent eye exposure.

Section 9 - Physical and Chemical Properties

Physical State: Liquid

Appearance and Odor: Clear liquid with a light ether aroma

Odor Threshold: ND

Vapor Pressure: ND

Vapor Density (Air=1): ND

Formula Weight: ND

Density: ND

Specific Gravity (H₂O=1, at 4 °C): 1.02 ± 0.007

pH: ND

Water Solubility: Soluble in Water

Other Solubilities: NA

Boiling Point: NE; < 212 °F

Freezing/Melting Point: Approximately 32 °F

Viscosity: ND

Refractive Index: ND

Surface Tension: ND

% Volatile: NE

Evaporation Rate: NE

Section 10 - Stability and Reactivity

Stability: This product is stable at room temperature in closed containers under normal storage and handling conditions.

Polymerization: Hazardous polymerization will not occur.

Chemical Incompatibilities: This product is not likely to be reactive, but component ingredients may react to strong acids, bases or oxidizers. Avoid mixing with aldehydes and halogens.

Conditions to Avoid: Avoid mixing with other products.

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Hazardous Decomposition Products: Besides oxides of carbon and nitrogen, aldehydes, ketones, organic acids, hydrofluoric acid and carbonyl difluoride may be generated under high temperatures.

Section 11- Toxicological Information

Toxicity Data:*

Prolonged and repeated exposure to excessive concentrations of this product may cause irritation. Exposure to the mist may cause irritation of the respiratory system. Product toxicity has not been determined. The following are component data:
1-Propoxy-2-propanol
Oral rat LD50: 2000 - 4350 mg/kg

Section 12 - Ecological Information

Ecotoxicity: The component ingredients in this product are readily bio-degradable and classed as non-toxic.

Section 13 - Disposal Considerations

Disposal: Waste is not hazardous as defined by RCRA (40 CFR 261). Method of disposal is to landfill.

Disposal Regulatory Requirements: Follow applicable Federal, state, and local regulations. Used material which has been contaminated may have significantly different characteristics based on contaminant and should be evaluated accordingly.

Section 14 - Transport Information

DOT Transportation Data (49 CFR 172.101):

Shipping Name: NA	Packaging	Quantity Limitations
Shipping Symbols: NA	Authorizations	a) Passenger, Aircraft, or Railcar:
Hazard Class: NA	a) Exceptions:	b) Cargo Aircraft Only:
ID No.: NA	b) Non-bulk Packaging:	Vessel Stowage Requirements
Packing Group: NA	c) Bulk Packaging:	a) Vessel Stowage:
Label: NA		b) Other:
Special Provisions (172.102): None		

Section 15 - Regulatory Information

Toxic Substances Control Act (TSCA): All the ingredients of this product are listed or are exempt from listing on the TSCA inventory.

Canadian Domestic Substance List (DSL): All ingredients are listed.

SARA 302: None

SARA 313: None

CERCLA: None

PROP 65: None

WHMIS Classification: Not Controlled

OSHA & WHMIS: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).

Section 16 - Other Information

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NE = Not Established; NA = Not Applicable; ND = Not Determined