Safety Data Sheet (SDS)

1. Product and Company Identification

Product:

Product Name: SS-3 Artificial Ice and Glass
Intended Use: Sealant

Manufacturer/Supplier:

Silicone Solutions
338 Remington Road
Cuyahoga Falls, OH
Preparer: Casey Linx
Chemical Family: Silicone Rubber
Emergency Telephone Number: 330-920-3125

2. Hazards Identification

Classification of the substance or mixture:

Not classified

GHS label Elements:

Signal word: No signal word
Hazard statements: No known significant effects or critical hazards

Precautionary Statements:

General: Not applicable
Prevention: Not applicable
Response: Not applicable
Storage: Not applicable
Disposal: Not applicable

Other Hazard Information:

- This product can generate formaldehyde upon exposure above 300 degrees centigrade in atmospheres that contains oxygen. Formaldehyde is a skin, eye, and throat irritant.

3. Composition/Information on Ingredients

Chemical Characterization:

Formula: Mixture

Composition and Information on Ingredients: Non-hazardous components of the mixture unless otherwise specified.

Component	CAS #	Approximate % Weight
Methylhydrogensiloxane	68037-59-2	5-10
Trade Secret Component	--	1-5

Vinyl Silicone Polymer	68083-19-2	50-90
Trade Secret Component	--	1-5

4. First Aid Measures

General Information:

Ingestion: None known.
Skin: Wash with soap and water.
Inhalation: None known.
In case of eye contact: Flush with water for fifteen minutes and get medical attention if irritation persists.

Note to Physician: None known.

5. Firefighting Measures

Flammability Properties:

Flash Point: NA
Ignition Temperature: NA
Flammable Limits in Air-Upper % : NA
Flammability Limits in Air-Lower % : NA
Sensitivity to Mechanical Impact: No
Sensitivity to Static Discharge: No

Extinguishing Media: All standard firefighting material.

Special Firefighting Procedures: None known.

6. Accidental Release Measures

Action to be taken if material is released or spilled: Scrape up and place in an inert material for disposal. See Section 8 for protective equipment upon exposure.

7. Handling and Storage

Precautions to be taken during handling and storage: Cure only where appropriate ventilation systems exist, as seen in Section 8.

8. Exposure Controls/Personal Protection

Control Parameters:

Components with limit values that require monitoring at the workplace:

Component	CAS #	ACGIH TWA	TLV STEL	OSHA TWA	PEL STEL
Methylhydrogensiloxane	68037-59-2	NE	NE	NF	NE
Trade Secret Component	--	NF	NE	NF	NE
Vinyl Silicone Polymer	68083-19-2	--	NE	--	NE

Trade Secret Component	--	NE	NE	NE	NE

Note: All solid powders are fully encapsulated in the cured and uncured product and are not hazardous in this form.

Exposure Controls and Protection:

Engineering Controls: None known.
Respiratory Protection: None required.
Protective Gloves: Cloth gloves.
Eye and Face Protection: Safety glasses.
Other Protective Equipment: None required.
Ventilation: Cure in well-ventilated areas.

9. Physical and Chemical Properties

Information on basic physical and chemical properties:

Boiling Point: NA
Vapor Pressure: NA
Vapor Density: NA
Freezing Point: NA
Melting Point: NA
Physical State: Solid.
Odor: Mint.
% Volatile by Volume: < 1
Evaporation Rate: < 1
Specific Gravity: 0.90
Density (kg/m^3): 900
Acid/Alkalinity: Unknown.
pH: NA
VOC: NT
Solubility in Water: Insoluble.
Solubility in Organic Solvents: Partially soluble in toluene.

10. Stability and Reactivity

Chemical Stability:

Stability: Stable.

Reactivity:

Hazardous Polymerization: Will not occur.
Hazardous Thermal Decomposition/Combustion Products:

- Carbon Dioxide
- Carbon Monoxide
- Silicon Dioxide
- Formaldehyde

Conditions to Avoid: Exposure to strong bases prior to cure can generate hydrogen gas.

11. Toxicological Information

Product Information on Toxicological Effects:

Acute Oral LD50: Unknown.
Acute Dermal LD50: Unknown.
Acute Inhalation LC50: Unknown.
Ames Test: Unknown.

12. Ecological Information

Ecotoxicity:

Ecotoxicological Information: Unknown.
Chemical Fate Information: Unknown.

13. Disposal Considerations

Disposal Method: Disposal should be made in accordance with federal, state, and local considerations.

14. Transport Information

General:

DOT Shipping Name: NA
DOT Hazard Class: Not DOT regulated
DOT Label: NA
UN/NA Label: NA
Placards: None
IATA: NA
IMO IMDG-code: NA
European Class:
RID (OCTI): NA
ADR (ECE): NA
RAR (IATA): NA

15. Regulatory Information

Regulatory Status and Applicable Laws and Regulations:

SARA Section 302: None found.
SARA (311, 312) Hazard Class: None.
SARA (313) Chemicals: None.
CPSC Classification: NA
WHMIS Hazard Class: None.
Export Schedule:
B/HTSUS: 3910.00 Silicones in primary form.
ECCN: EAR99
California Proposition 65: None.
TSCA Inventory Status: All components are of this product are listed (or exempt) on the EPA TSCA inventory.

Hazard Rating Systems:

HMIS (scale 0-4):

- Health = 1
- Flammability = 0
- Reactivity = 0

NFPA (scale 0-4):

- Health = 1
- Flammability = 0
- Reactivity = 0

16. Other Information

Revision Date: 06/2/2019
SDS Preparer: Casey Linx

This product or its components are on the European inventory (EINECS) of existing commercial chemicals. This data is offered in good faith as typical values and not as a product satisfaction. No warranty, either expressed or implied, is made. The

recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use.

Abbreviations and Acronyms:

OSHA: Occupational Safety and Health Administration
ACGIH: American Conference of Governmental Industrial Hygienists
LD50: Lethal Dose, 50 percent
LC50: Lethal Concentration, 50 percent
DOT: US Department of Transportation
IATA: International Air Transport Association
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
WHMIS: Workplace Hazardous Materials Information System (Canada)