



MSDS Data

SM8002

MODIFIED SILICONE (MS) ADHESIVE Solvent Free

1. Chemical Product and Identification

Emergency Phone

CHEMTREC (800) 424-9300

Revision Date: 8/10/07

Product ID: RD018041

Chemical Name: Moisture Curing Sealant

Molecular Formula: Mixture

Proper DOT Shipping: Caulking & Glaziers, NOI

DOT Hazard Classification: None

2. Ingredients

Ingredient	CAS Number	Weight %	ACGIH TWA	OSHA TWA
Limestone	1317-65-3	25 – 55	10 mg/m ³	10 mg/m ³
Polymer	Proprietary, non-hazardous	10 – 30		
Plasticizer	Proprietary, non-hazardous	10 – 30		
N-beta-(aminoethyl)-gamma-aminopropyltrimethoxysilane	1760-24-3	0 – 3		
Vinyltrimethoxysilane	2768-02-7	0 – 3		

3. Hazards Identification

HMIS Hazard Rating: Health 1 Flammability 1 Reactivity 0

Note: The HMIS rating involves data interpretation that varies from company to company. This information is intended for general identification to specific hazards. To safely handle this material, all of the information in this MSDS should be considered.

4. First Aid Measures

Primary Routes of Entry: Skin and Inhalation

Inhalation: Inhalation of vapor may irritate the respiratory tract and nasal passage. Prolonged inhalation of vapors may cause adverse effects on the central nervous system, including dizziness, nausea, and vomiting.

Skin: A single short exposure may cause irritation. Repeated prolonged exposure may cause mild irritation.

Eyes: Direct contact irritates slightly with redness and swelling.

Ingestion: There are no known symptoms of ingestion.

EMERGENCY AND FIRST AID PROCEDURES:

Eyes: Immediately flush eyes with copious amounts of water.

Skin: Wash skin with soap and water. Get medical attention if irritation or ill effects develop or persist.

Inhalation: Remove subject to fresh air. Get medical attention if ill effects persist.

Oral: If this product is swallowed, call physician or poison control center for most current information. DO NOT INDUCE VOMITING, unless directed by medical personnel.

Comments: Treat according symptoms and eliminate overexposure.

5. Fire Fighting Measures

Flash Point: 200°C

Flammability Limits in Air: Not determined

Autoignition Temperature: Not determined

Extinguishing Media: On large fires use dry chemical, foam, or water spray. On small fires use carbon dioxide, dry chemical, or water spray. Water can be utilized to cool containers exposed to fire.

Unusual Fire and Explosion Hazards: When involved in a fire, this material may decompose and produce the following toxic gases: carbon monoxide, carbon dioxide, nitrogen oxides, aldehydes, silicon dioxide, and various polymer compounds. Contact with water will release small quantities of flammable methanol.

Special Fire-Fighting Procedures: Fire responders must wear self-contained breathing apparatus and full protective equipment. Move fire-exposed containers if it can be done without risk to firefighters. If possible, control water run-off to prevent environmental contamination.

6. Accidental Release Measures

Containment/Clean Up: Observe all personal protective equipment recommendations as described in section eight. Scrape all spilled materials for disposal. This material is not classified as a hazardous waste per 40 CFR 261. State and local laws may impose regulatory restrictions.

7. Handling and Storage

Personal Precautionary Measures: Avoid breathing vapors in top of shipping container. Keep container closed. Use with adequate ventilation. Avoid contact with skin and clothing. Wash thoroughly after handling. Observe all PPE suggestions in section 8.

Storage: Keep container closed and store in a cool well-ventilated area. Avoid contact with water or moisture.

8. Exposure Controls and Personal Protection

Ventilation: Local and general ventilation are recommended.

Respiratory Protection: If engineering controls do not maintain airborne concentrations of hazardous ingredients below limits in Section II of this MSDS, then a NIOSH/NSHA approved organic vapor respirator should be used.

Eye Protection: Wear safety glasses with side shields as a minimum.

Skin Protection: Impervious gloves are suggested. Wash at mealtimes and end of shift.

9. Physical and Chemical Properties

Boiling Point: not determined

Vapor Pressure (mmHg): not determined

Vapor Density (AIR=1): not determined

Solubility in Water: Dilutable in wet stage

Appearance: Colored paste

Odor: Slight odor

Specific Gravity (H2O=1): 1.42

Freeze Point: not determined

Evaporation Rate (BuAc=1): not determined

Volatile Organic Content: 10 grams/liter

10. Stability and Reactivity

Stability: Stable

Decomposition Products: Thermal decomposition products include carbon monoxide, carbon dioxide, nitrogen oxides, aldehydes, silicon dioxide, and various polymer compounds.

Incompatibility: Oxidizing acids, amines, strong caustics, water.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Contact with incompatible materials and exposure to extreme temperatures.

11. Disposal Considerations

This material is not classified as a hazardous waste per 40 CFR 261. State and local laws may impose regulatory restrictions. Observe all federal, state, and local laws regarding waste disposal.

12. Transport Considerations

Marine pollutant components: None

DOT (USA): Caulking & Glaziers, NOI

DOT Hazard Classification: None

UN/NA Number: Not applicable

Label Required: None

13. Regulatory Information

TSCA: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

SARA 302: No components subject to 40 CFR 370

SARA 304: None

SARA 313: None present or none present in regulated quantities.

DSL: All ingredients are listed on the DSL

14. Other Information

Disclaimer: The opinions expressed herein are those of qualified experts within company. We believe the information contained herein is current as of date of this MSDS. Since the use of the product is not within the control of company, the user's obligation to determine the conditions of safe use.