



# SAFETY DATA SHEET

## 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Type:** Malarkey Roofing Adhesive (Silyl Terminated Polyether)

**Trade Name:** 738 Paragon® Low Odor Adhesive  
**Flashing Grade**

**Use:** Moisture cure sealant

**Manufacturer:**  
Malarkey Roofing Products  
P.O. Box 17217  
3131 N. Columbia Blvd.  
Portland, OR 97217  
Phone: 503-283-1191  
www.malarkeyroofing.com

**Emergency Contact:**  
CHEMTREC®: 1-800-424-9300 (24 HOUR)

## 2 HAZARD(S) IDENTIFICATION

**Signal Word:** WARNING

**Hazardous classification:** Irritant Category 2

**Carcinogenicity:** There are no components in this product listed as a carcinogen by NTP, IARC, ACGIH, or OSHA.

### HAZARD STATEMENTS

- Causes skin irritation.
- May cause an allergic skin reaction.
- Causes serious eye damage.
- Product extremely low in volatility and unlikely to pose a problem from inhalation.
- May be harmful if ingested but not a likely route of entry.

### PRECAUTIONARY STATEMENTS

- Avoid release to the environment.
- Wear proper Personal Protective Equipment including protective gloves and eye/face protection.
- IF ON SKIN: Wash with plenty of soap and water; repeated or prolonged direct contact to the skin may cause a dermatitis.
- Long-term direct skin exposure to asphalt may increase sensitivity to the sun and cause discoloration.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical advice.
- Dispose of contents/container in accordance with local regulations.
- Thoroughly wash hands and exposed skin after handling.

### GHS CLASSIFICATION



### 3 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS #	Ingredient %
Amino Silane	1760-24-3	Proprietary
Asphalt	8052-42-4	Proprietary

### 4 FIRST-AID MEASURES

**Eye contact:** Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if ill effects or irritation persist.

**Skin contact:** Clean affected area with ethyl alcohol, then wash with soap and water.

**Ingestion:** An unlikely route of entry. Consult a physician.

**Inhalation:** An unlikely route of entry. Remove to fresh air. Consult a physician.

### 5 FIRE-FIGHTING MEASURES

**Special firefighting instructions:** None. Firefighters should wear full protective clothing and equipment, including self-contained breathing apparatus.

**Extinguishing media:** Water, CO<sub>2</sub>, dry chemical, foam.

**Unusual fire or explosion hazards:** None. This product is not considered flammable.

**Flash point:** Not applicable

**Upper flammable limit:** Not applicable

**Lower flammable limit:** Not applicable

**Auto-ignition temperature:** Not applicable

**Sensitivity to impact:** Not applicable

**Sensitivity to static discharge:** Not applicable

**Hazardous combustion products:** Thermal decomposition may produce toxic fumes of carbon monoxide, carbon dioxide, sulfur oxides, and hydrogen sulfide.

### 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Use personal protection recommended in Section 8.

**Clean-up:** Collect spill with absorbent material such as cardboard; allow to cure and place in a container approved for waste disposal. Dispose of contents/container in accordance with local regulations.

### 7 HANDLING AND STORAGE

**Handling:** Use personal protection recommended in Section 8. Avoid eye, skin, and clothing contact.

**Storage:** Store in a cool, dry area (this product polymerizes when in contact with moisture).

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure guidelines:** No established limits.

**Engineering controls:** No specific controls are needed.

**Personal Protective Equipment:**

**Eye protection:** Wear safety glasses or goggles to avoid eye contact.

**Skin protection:** Wear impervious gloves such as vinyl to minimize contact with skin.

**Respiratory protection:** Not required.

**Work/hygienic practices:** Avoid contact with eyes and skin. Wash thoroughly after handling and before eating or drinking.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Paste; reacts with moisture to become a firm synthetic rubber.

**Odor and appearance:** Mild hydrocarbon odor; brown colored paste.

**pH:** Not established

**Specific gravity:** Heavier than water

**Density:** ~11.99 lbs./gal.

**Vapor density (air = 1):** >1

**Vapor pressure (mmHg):** Not established

**Evaporation rate:** Not applicable

**Boiling point:** Not established

**Freezing point:** Not established

**Coefficient of water/oil distribution:** Not established

**Viscosity:** ~150,000 cP

## 10 STABILITY AND REACTIVITY

**Stability:** Considered stable.

**Conditions to avoid:** None known.

**Incompatible materials:** None known.

**Hazardous decomposition products:** None known.

**Hazardous polymerization:** Will not occur.

**Reactivity:** Hazardous reaction will not occur.

## 11 TOXICOLOGICAL INFORMATION

**Information below is based on Amino Silane:** Refer to Sections 2 and 3.

**Oral - Result:** LD50 > 2,000 mg/kg. **Remark:** Very low order of toxicity.

**Skin absorption - Result:** LD50 > 2,000 mg/kg. **Remark:** Very low order of toxicity.

**Skin direct contact - Result:** Slight irritation.

**Eye direct contact - Result:** Severe irritation. **Remark:** Causes corneal injury.

**Inhalation - Result:** LC50 Not acutely toxic.

**Exposure limits:** Not applicable

**Sensitization:** No

**Reproductive toxicity:** No

**Mutagenicity:** No

**Teratogenicity:** No

**Synergistic Products:** None

## 12 ECOLOGICAL INFORMATION

No known applicable information.

## 13 DISPOSAL CONSIDERATIONS

If this product as supplied becomes waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

This product becomes a firm synthetic rubber when cured. Please allow to cure before disposal.

## 14 TRANSPORT INFORMATION

**Special shipping information:** None

**DOT:** Not regulated

**TDG:** Not available

**PIN:** Not available

## 15 REGULATORY INFORMATION

**OSHA 29 CFR 1910-1200:** Irritant

**TSCA:** All components of this product are listed on TSCA Inventory.

**CERCLA reportable quantity:** Not applicable

**SARA Title III:**

**Section 302 Extremely Hazardous Substances:** None

**Section 304:** Not applicable

**Section 311/312:** Immediate (acute) health hazard.

**Section 313:** None

**RCRA:** Refer to Section 13.

**California Proposition 65:** This product contains no levels of listed substances which the State of California has found to cause cancer, birth defects or other reproductive harm.

**WHIMS classification:** D2B

## 16 OTHER INFORMATION

### HMIS RATING

<b>HEALTH: 1</b>
<b>FLAMMABILITY: 0</b>
<b>REACTIVITY: 0</b>
<b>PERSONAL PROTECTION: B</b>



Prepared in accordance with 29 CFR 1910.1200.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR.

## **DISCLAIMER**

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