



# MATERIAL SAFETY DATA SHEET

HMIS  
 H = 1  
 F = 0  
 R = 0  
 PPE = See Section 8

## Section I

**Manufacturer:** Siplast, an Icopal Group Company  
 (800) 643-1591 or (800) 922-8800  
**Address:** 1000 E. Rochelle Blvd., Irving, TX 75062-3940  
**Emergency Phone No.:** CHEMTREC, (800) 424-9300 (U.S.), (703) 527-3887 (outside of U.S.)  
**Product Class:** Adhesive  
**Trade Name:** SFT Adhesive

## Section II - Ingredients

Ingredient	NTP/IRAC OSHA CARC.	Percent	ACGIH TLV		OSHA PEL
			ppm	mg/m <sup>3</sup>	
Amino Silane CAS #1760-24-3	NO	Proprietary	N/A	N/A	N/A
Vinyltrimethoxysilane* CAS #2768-02-7	NO	Proprietary	N/A	N/A	N/A
Asphalt CAS #8052-42-4	NO	Proprietary	N/A	N/A	5 mg/m <sup>3</sup>

\*A manufacturer suggested TWA for exposure for this product is 5.0 ppm.

## Section III - Physical Data

Boiling Range: N/A  
 Evaporation Rate: (Butyl Acetate = 1) N/A  
 Vapor Density (Air = 1): N/A  
 Sp. Gr.: N/A  
 Solubility in H<sub>2</sub>O: Negligible  
 Vapor Pressure: N/A  
 Appearance: Black Mastic

## Section IV - Fire and Explosion Data

DOT Category: Not regulated  
 Flash Point: Not established  
 LEL %: N/A UEL %: N/A  
 Extinguishing Media: Foam, CO<sub>2</sub>, Dry chemical and water fog.  
 Special Procedures: Wear full protective clothing and positive pressure self-contained breathing apparatus. Use of water on asphalt above 100°C (212°F) can cause product to expand with explosive force.  
 Unusual Hazards: Under some conditions, sulfur compounds in hot asphalt may evolve H<sub>2</sub>S or SO<sub>2</sub>. Adding water to hot asphalt presents an explosion hazard.

## Section V - Health Hazard Data

Summary of Risks: Pre-existing skin and eye disorders may be aggravated by exposure to this product.  
 Target Organs: Eye and Skin  
 Effects of Overexposure:  
 SKIN: May cause irritation. Repeated or prolonged contact may cause dermatitis.  
 EYES: Contact can cause severe irritation. Repeated or prolonged contact may cause chemical burns to the eyes.  
 INHALATION: Short-term harmful health effects are not expected from vapors generated at ambient temperatures. However, this material is capable of generating small amounts of methanol when reacted with water. Methanol vapor may cause dizziness, drowsiness, disturbance of vision, and tingling, numbness in hands and forearms.  
 INGESTION: May be harmful if ingested.  
 Carcinogenicity: NTP - No OSHA - No IRAC - No  
 Chronic: Repeated or prolonged contact may cause chemical burns to the eyes.

**Emergency and First Aid Procedures:**

**SKIN:** Clean product from affected area with alcohol. Then wash with soap and water.

**EYES:** Irrigate immediately with plenty of water for several minutes.

**INHALATION:** If irritation, headache, nausea, or drowsiness occurs, remove to fresh air. Get medical attention if breathing becomes difficult and respiratory irritation persists.

**INGESTION:** Induce vomiting as directed by medical personnel.

**Section VI - Reactivity Data**

Stability: Stable  X  Unstable \_\_\_\_\_

Conditions to Avoid: N/A

Materials to Avoid: Reacts with water and moisture. Reaction with water or moisture releases trace amounts of methanol. Avoid strong oxidants.

Hazardous Decomposition Products: Thermal decomposition may produce toxic fumes of CO and/or CO<sub>2</sub>. Under some conditions, sulfur compounds in hot asphalt may evolve H<sub>2</sub>S or SO<sub>2</sub>.

Hazardous Polymerization:

May occur \_\_\_\_\_ Will not occur  X

**Section VII - Spill or Leak Procedures**

Steps to be Taken: Contain large spill by building a dike with absorbent material. Collect remainder of the spill with absorbent material and place the material into a container approved for waste disposal. For minor spill, collect with absorbent material and dispose of properly.

Waste Disposal Method: If this product becomes a waste, it would not be a hazardous waste by RCRA criteria. Place in an appropriate disposal facility in compliance with local regulations.

**Section VIII - Special Protection Information**

**Respirator:** Not ordinarily required. Use NIOSH or MSHA approved respirator as appropriate.

**Ventilation:**

Local Exhaust: Yes

Machine (General): No

Special: No

Other: No

**Protective Gloves:** Wear gloves and protective clothing to minimize contact with skin.

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

**Other Protective Equipment:** N/A

**Work/Hygiene Practices:** Avoid prolonged or repeated contact with skin. Wash thoroughly with soap and water after use.

**Section IX - Special Precautions**

**Handling and Storage:** Use appropriate personal protection equipment. Avoid eyes, skin, and clothing contact. Keep away from heat, sparks, and flame.

Store in a cool, dry area way from incompatible materials. Do not freeze. Store away from heat, sparks, and flame.

The information and recommendations contained herein are, to the best of Siplast's knowledge and belief, accurate and reliable as of the date issued. Siplast does not warrant or guarantee their accuracy or reliability, and should not be liable for any loss or damage arising out of the use thereof. User should satisfy himself that he has all current data relevant to his particular use.