



MATERIAL SAFETY DATA SHEET

HMIS

H = 1

F = 2

R = 0

PPE = See Section 8

VOC: Does not exceed 220 grams per liter

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: Petroleum Hydrocarbon Adhesive

Trade Name: PA-311 M Adhesive

Section II - Ingredients

Ingredient	NTP/IRAC OSHA CARC.	Percent	ACGIH TLV	OSHA PEL
Aliphatic Hydrocarbon CAS #8052-41-3	No	14 - 18	100 ppm	100 ppm
Aromatic Hydrocarbon CAS #64742-95-6	No	2 - 4	25 ppm	25 ppm
Asphalt CAS #8052-42-4	No	43 - 48	10 ppm	100 ppm

Section III - Physical Data

Boiling Range: 320°F
 Evaporation Rate: N/A
 Vapor Density (Air = 1): 4.8
 Sp. Gr.: 1.08 - 1.20 (H₂O = 1)
 Solubility in H₂O: insoluble
 Vapor Pressure: 4.6 mm Hg

Section IV - Fire and Explosion Data

DOT Category: Combustible
 Flash Point: 105°F (COC)
 LEL %: 0.7 UEL %: 6.0
 Extinguishing Media: chemical foam, dry chemicals, CO₂.
 Special Procedures: Self-contained breathing apparatus may be necessary. COMBUSTIBLE:
 Keep away from high heat and open flame.
 Unusual Hazards: N/A

Section V - Health Hazard Data

Route(s) of entry:
 SKIN: Yes
 INHALATION: Yes
 INGESTION: Yes
 Prolonged exposure may cause irritation to respiratory tract, eyes, and skin. Harmful or fatal if swallowed.
 Signs and symptoms of overexposure: Dizziness, headache, nose and throat irritation.
 Medical conditions aggravated by exposure: Existing eye, skin, and respiratory disorders.
 Emergency and first aid procedures:
 SKIN: Wash with soap and water.
 INHALATION: Fresh air.
 INGESTION: Do not induce vomiting, seek medical attention.

Section VI - Reactivity Data

Stability: Stable X Unstable _____
 Conditions and Materials to Avoid: Keep away from open flame or high heat.
 Incompatibility: Isolate from strong oxidizers.
 Hazardous Decomposition Products: Carbon dioxide and carbon monoxide when burned. Hazardous polymerization will not occur.

Section VII - Spill or Leak Procedures

In case of spill: Isolate from open flame and strong oxidizers.
Waste Disposal Method: Dispose of according to local, state, and federal regulations.

Section VIII - Special Protection Information

Respirator: Normally not required.
Ventilation: Ventilate as needed for exposure limits.
Protective Gloves: Use protective gloves.
Eye Protection: Use goggles or safety glasses.
Work Hygienic Practices: Standard hygienic practices.
Other Precautions: Avoid prolonged contact. For industrial use only. Keep out of reach of children.

Regulatory Information: TSCA (Toxic Substances Control Act) Status: Components of this product are listed on the TSCA inventory.

Section IX - Special Precautions

Handling and Storage: Do not store near heat or flame. Use protective gloves when handling material. Use with adequate ventilation.

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