

I. PRODUCT IDENTIFICATION		HMIS:
Name: #727 Modified Bitumen Adhesive		Health: 1
Number: 727		Flammability: 2
Class: Asphalt Cutback Thick Black Liquid		Reactivity: 1
II. HAZARDOUS INGREDIENTS		Pers. Prot. equip: b
Ingredient/ CAS Numbers: 64742-88-7		NFPA 704
Percent: 25-30%		Date: 10/05
Occupational Exposure Limits: TLV: 500 ppm PEL: 500 ppm		
III. PHYSICAL DATA	VII. SPILL OR LEAK PROCEDURES	
Boiling Range: 310-400°F minimum	Material Released, Spilled: extinguish all sources of ignition; absorb with clay	
Maximum V.O.C.: 250 g/liter	Waste Disposal Method: comply with local code	
Vapor Density: heavier than air	VIII. SAFE HANDLING AND USE	
Vapor Pressure: 5mm @ 72°F	Respiratory Protection: not normally required	
Evaporation Rate: slower than ether	Ventilation: sufficient to keep vapors < TLV	
Weight per Gallon: approximately 8.5 lbs.	Protective Gloves: not required but recommended	
% Volatile Volume: 25-30%	Eye Protection: splash protective goggles	
% Water Volume: 0.0%	Hygienic Practices: clean skin with soap and water, do not use solvents	
IV. FIRE & EXPLOSION HAZARD DATA	Other Protective Equipment: none	
Flammability Class: OSHA - II	IX. SPECIAL PRECAUTIONS	
DOT: Combustible	Handling and Storing: keep storage container closed, avoid flames, flammable materials	
Flash Point: 117°F	Other Precautions: none	
Unusual Fire and Explosion Hazard: none	X. TRANSPORTATION DATA	
Extinguishing Media: CO2, Dry Chem foam	By Air:	
LEL: 1%	Shipping Name: Flammable Liquid, NOS (contains Petroleum Distillates)	
Special Firefighting Procedures: none	Packaging Group: III	
V. HEALTH HAZARD DATA	Labeling Required: Flammable Liquid	
Effects of Overexposure: headache, nausea, throat/eye distress	Hazard Class: 3	
Medical Conditions: current anemia respiratory/liver ailments	I.M.C.O>: UN #1993 Class: III Page: 3126	
Prone to Aggravation: n/a - Not Applicable	By Water:	
Primary Route of Entry: inhalation	Shipping Name: Flammable Liquid, NOS (contains Petroleum Distillates)	
Emergency First Aid: move person to fresh air Apply artificial respiration if needed. Wash skin with soap and water. Wash eyes with water for 15 minutes. Call a physician.	Packaging Group: III	
VI. REACTIVITY DATA	Labeling Required: Flammable Liquid	
Stability: stable	Hazard Class: 3	
Hazardous Polymerization: will not occur	I.M.C.O>: UN #1993 Class: III Page: 3126	
Hazardous Decomposition COx, black particulates	By Ground: N/A	
Conditions to Avoid: source of ignition	No association has been established data between industrial exposure and cancer. IARC** concluded that there is insufficient evidence for cancer. While normal, handling of this product is not likely to cause cancer in humans, skin contact and breathing of vapors and fumes should be reduced to a minimum.	
Incompatibility: strong oxidants	Comments: This product contains asphalt. Some asphalts contain sulfur compounds which may form H2S when heated or burned.	
	NDA - No Data Available	
	n/a - Not Applicable	
Comments: The information contained herein is based on the data available to us and is believed to be correct. Malarkey makes no representation or warranty regarding the accuracy of this data or the results to be obtained from the use thereof. Malarkey assumes no responsibilities for injury from the use of the product(s) described herein. ** NOTE: The IARC Monographs (Vol. 35) reporting on mice painting studies states that there is sufficient evidence for the carcinogen in experimental animals of extracts of some asphalts. The same document states that there is inadequate evidence that asphalts alone are carcinogenic to humans.		

Effective 10.19.05 Supersedes all previously published data