



Material Safety Data Sheet

I. PRODUCT IDENTIFICATION		HMIS:
Name: #703 Plastic Roof Cement		Health: 2
Number: 703		Flammability: 2
Class: Asphalt Cutback Heavy Paste		Reactivity: 0
II. HAZARDOUS INGREDIENTS		Pers. Prot. equip: a
Ingredient/ CAS Numbers: 64742-88-7		NFPA 704
Percent: 15-20%		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.: 300g/liter		
Vapor Density: heavier than air		Waste Disposal Method: comply with local code
Vapor Pressure: 7mm @ 100°F		VIII. SAFE HANDLING AND USE
Evaporation Rate: slower than ether		Respiratory Protection: not normally required
Weight per Gallon: approx. 9.0 lbs.		Ventilation: use in well ventilated areas
% Volatile Volume: 42-49%		Protective Gloves: neoprene gloves recommended
% Water Volume: 0.0%		Eye Protection: none normally needed
IV. FIRE & EXPLOSION HAZARD DATA		Hygienic Practices: clean skin with soap and water
Flammability Class: OSHA : II		Other Protective Equipment: none
DOT: Combustible		IX. SPECIAL PRECAUTIONS
Flash Point: 105°F		Handling and Storing: keep storage container closed, avoid flames, flammable materials
Unusual Fire and Explosion Hazard: liquid asphalt, H2S may be present		
Extinguishing Media: CO2, Dry Chem foam		Other Precautions: none
LEL: 1%		X. TRANSPORTATION DATA
Unusual Fire & Explosion Hazards: none		Shipping Name: Combustible Liquid, NOS (contain mineral spirits)
Special Firefighting Procedures: none		Labeling: n/a
V. HEALTH HAZARD DATA		Labeling Required: none required
Effects of Overexposure: Vapors above TLV may asphyxiate. Fresh air usually results in complete recovery.		Hazard Class: combustible
Medical Conditions: current anemia respiratory/liver ailments		I.M.C.O>: UN (NA), #1993 Class: 3.3
Prone to Aggravation:		D.O.T. regulated
Primary Route of Entry: inhalation		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.
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.		
VI. REACTIVITY DATA		Comments: This product contains asphalt. Some asphalts contain sulfur compounds which may form H2S when heated or burned
Stability: stable		n/a - Not Applicable
Hazardous Polymerization: will not occur		NDA - No Data Available
Hazardous Decomposition: COx, black particulates		
Conditions to Avoid: source of ignition		
Incompatibility: strong oxidants		
<p>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.</p> <p>**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.</p>		

Effective 10.19.05 Supersedes all previously published data