



Material Safety Data Sheet

I. PRODUCT IDENTIFICATION		HMIS:
Name: Cold Method Adhesive		Health: 1
Number: 705		Flammability: 2
Class: Asphalt Cutback Black Liquid		Reactivity: 1
II. HAZARDOUS INGREDIENTS		P.P.E: B
Ingredient/ CAS Numbers: 64742-88-7		NFPA 704
Percent: 22-26%		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.: 250g/liter		Waste Disposal Method: comply with local code
Vapor Density: >1		VIII. SAFE HANDLING AND USE
Vapor Pressure: 2mm @ 68°F		Respiratory Protection: not normally required
Evaporation Rate: <1		Ventilation: use in well ventilated areas
Weight per Gallon: approx. 7.7 lbs.		Protective Gloves: neoprene gloves recommended
% Volatile Volume: <34.5%		Eye Protection: none normally needed
% Water Volume: 0.0%		Hygienic Practices: clean skin with soap and water
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 mat'ls
Flash Point: 105°F		Other Precautions: none
Unusual Fire and Explosion Hazard:		
Liquid Asphalt, H2S may be present		
Extinguishing Media: CO2, Dry Chem foam		
LEL: 0.9%		X. TRANSPORTATION DATA
Unusual Fire & Explosion Hazards: none		Shipping Name: Combustible Liquid, NOS (contain mineral Spirits)
Special Firefighting: Firemen should wear MSHA/NIOSH approved apparatus to protect against inhalation.		
V. HEALTH HAZARD DATA		Labeling: n/a
Effects of Overexposure: headache, nausea, nose, throat distress.		Labeling Required: none required
Medical Conditions: current anemia respiratory/liver ailments		Hazard Class: Combustible
Prone to Aggravation:		I.M.C.O>: UN(NA), #1993 Class: 3.3 Page: 3126
Primary Route of Entry: inhalation		D.O.T. regulated
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.		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.
VI. REACTIVITY DATA		Comments: This product contains asphalt. Some asphalts contain sulfur compounds which may form H2S when heated or burned
Stability: stable		
Hazardous Polymerization: will not occur		
Hazardous Decomposition: Cox, black particulates		n/a - Not Applicable
Conditions to Avoid: source of ignition		NDA - No Data Available
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