

# MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION			
Manufacturer:	Thermo Manufacturing Systems, LLC		
Address:	301 Walnut Springs Road Lindale, TX 75771	Product:	Thermoflex SBS Adhesive
Phone:	(903) 881-8771	Chemical Family:	Asphalt Cutback Black Liquid
Emergency:	(800) 424-9300 (Chemtrec)	Revision Date:	12/2004

SECTION 2 – HAZARDOUS INGREDIENTS				
INGREDIENT	CAS #	TLV	PEL	PERCENT
	64742-88-7	500 ppm	500 ppm	22-26%

SECTION 3 – PHYSICAL DATA	
Boiling Point:	300°-320°F minimum
Maximum V.O.C.:	250 g/liter
Vapor Density:	Heavier than air.
Vapor Pressure:	2mm @ 20°C
Evaporation Rate:	Slower than ether.
Weight Per Gallon	Approx. 7.6 lbs
% of Volatile Volume:	22-26%
% Water Volume:	0.0%

SECTION 4 – FIRE & EXPLOSION HAZARD DATA	
OSHA Flammability Class:	II
DOT:	Combustible
Flash Point:	+100°F TCC
Unusual Fire/Explosion Hazard:	Liquid asphalt, H <sub>2</sub> S may be present.
Extinguishing Media:	CO <sub>2</sub> , drychem, foam
LEL:	1%
Special Firefighting Procedures:	None, treat as fuel oil.

SECTION 5 – HEALTH HAZARD DATA	
Effects of Overexposure:	Headache, Nausea, Nose and Throat Distress.
Medical Conditions:	Current Anemia, Liver or Respiratory Ailments.
Primary Routes of Entry:	Skin Contact, Inhalation
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.
HMIS:	Health: 1   Flammability: 2   Reactivity: 0   Personal Protective Equipment: A NFPA 704
This product is not classified as a carcinogen by the National Toxicology Program, Occupational Safety and Health Administration or the International Agency for Research on Cancer.	

SECTION 6 – REACTIVITY DATA	
Stability:	Stable
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition:	CO, Black particulates.
Conditions to Avoid:	Source of ignition
Incompatibility:	Strong oxidants.

This information accumulated herein is believed to be accurate but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm, in advance of need, that the information is current, applicable and suitable to their circumstances.

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SECTION 7 – SPILL / LEAK PROCEDURES	
Material Released:	Extinguish all sources of ignition, absorb with clay.
Waste Disposal Method:	Comply with local code.

SECTION 8 – SAFE HANDLING / USE INFORMATION	
<b>FIRST AID PROCEDURES:</b>	
Hygienic Practices:	Clean skin with soap and water, do not use solvents.
Respiratory Protection:	Not normally required.
Ventilation:	Use supplied air system if vapor concentration exceeds TLV.
Protective Gloves:	Recommended
Eye Protection:	Safety Glasses.
Other Protective Equipment:	None

SECTION 9 – SPECIAL PRECAUTIONS	
Handling/Storage:	Keep storage container closed, avoid flames, and flammable materials.
Other:	Close air intakes on roof until solid

SECTION 10 – TRANSPORTATION DATA	
Shipping Name:	Combustible liquid, NOS (contain mineral spirits)
Labeling:	None
Labeling Required:	Combustible
Hazard Class:	Combustible liquid
D.O.T.	Regulated
I.M.C.O.:	UN (NA), # 1993 Class 3.3 Page 3126

No association has 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 human skin, contact and breathing of vapors should be minimized.

Comments: This product contains asphalt. Some asphalts contain sulfur compounds which may form H<sub>2</sub>S when heated or burned.

Note: The IARC Monographs (Vol. 35) reporting on mice painting studies that there is insufficient evidence for the carcinogenicity in experimental animals of extracts of some asphalts.

**This Material Safety Data Sheet supersedes all other previously dated sheets for this product.**