

# MATERIAL SAFETY DATA SHEET

SECTION 1 – IDENTIFIERS			
Manufacturer:	Thermo Manufacturing Systems, LLC		
Address:	301 Walnut Springs Road Lindale, TX 75771	Product:	T-Flex 7080 • 7090 • 7280
Phone:	(903) 881-8771	Chemical Family:	Styrene-Butadiene-Styrene
Emergency:	(800) 424-9300 (Chemtrec)	Revision Date:	06/25/04

SECTION 2 – COMPOSITION			
The precise composition of this product is proprietary information. A more detailed disclosure will be provided by Thermo Manufacturing Systems, LLC to qualified medical or industrial hygiene personnel as privileged information upon request in case of need for specific treatment.			
Component	TLV	Component	TLV
Asphalt (Bitumen):	5 mg/cu.m	Fiberglass Mat:	n/a
Styrene-Butadiene-Styrene:	n/a	Sand:	10 mg/cu.m. / (% Free Si+2)
Calcium Carbonate:	n/a	Roofing Granules:	n/a
Polypropylene Film:	n/a	Polyester Fabric:	n/a

SECTION 3 – PHYSICAL DATA			
Appearance:	Black Bituminous	% Volatile (by vol):	N/A
Boiling Point:	>450°F	Solubility in Water:	0%
Specific Gravity:	> 0.9 -1.1 (water = 1)	Evaporation Rate:	N/A Vapor Density (air = 1)
Vapor Press. (mm Hg):	N/A		

SECTION 4 – FIRE & EXPLOSION HAZARD DATA	
Flash Point (C.O.C.):	>520°F
Flammable Limits (% by vol):	N/A
LEL:	N/A
UEL:	N/A
Fire Extinguishing Media:	Water, Dry Chemical, Foam, CO <sub>2</sub>
<b>Special Fire Fighting procedures:</b>	Water spray may be ineffective. Water spray should be used to cool burning containers or units exposed to fire. Do not enter the fire area without positive pressure, self-contained breathing apparatus.
Unusual Fire & Explosion Hazards:	None
Hazardous Prod. of Combustion:	CO, CO <sub>2</sub> , NO <sub>x</sub> , smoke

SECTION 5 – HEALTH HAZARD DATA	
Threshold Limit Value:	See Hazardous Components
<b>Effects of Overexposure:</b>	
Skin:	Prolonged contact with skin may cause irritation and contact dermatitis.
Eyes:	Contact with eyes may result in irritation and burning.
Breathing:	Inhalation of high concentrations may lead to local irritation, headaches, nausea, impairment of reaction time and coordination, dizziness.
Swallowing:	Ingestion may result in gastric disturbances.
<b>First Aid Procedures:</b>	
Skin:	Hot bitumen will burn. If burned, treat by degree. Seek medical attention immediately.
Eyes:	Flush eyes with fresh flowing water. If irritation persists, seek medical attention.
Breathing:	Move to fresh air when high concentrations are inhaled. Administer aid in breathing if necessary. If difficulty in breathing or irritation of respiratory tract occurs, seek medical attention immediately.
Swallowing:	Do not induce vomiting. Seek medical attention immediately.

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SECTION 6 – REACTIVITY DATA	
Stability:	This product is stable.
Incompatibility:	Polar Solvents, Petroleum Distillates.
Hazardous Decomposition Products::	See Fire and Explosion Hazard Data Section.
Hazardous Polymerization:	Will Not Occur
Conditions to Avoid:	Hot asphalt will burn. Avoid contact with skin when product is in molten state. Use only in well ventilated areas, or provide adequate air exchange if used in confined spaces.

SECTION 7 – SPILL OR LEAK PROCEDURES	
Steps to be taken in case Material is released or spilled:	Dispose of in accordance with local, state or federal codes.

SECTION 8 – HANDLING AND STORAGE PRECAUTIONS	
Precautions to be taken in Handling and Storage:	Use good housekeeping practices.

SECTION 9 – SPECIAL PROTECTION INFORMATION	
Respiratory Protection:	Adequate ventilation is required.
Protective Gloves:	Gloves should be used when handling hot bitumen.
Eye Protection:	Safety glasses should be worn when handling molten materials.
Other Protective Equipment:	Long sleeve shirt, long pants, flat soled shoes.

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