

# MATERIAL SAFETY DATA SHEET

## THERMO SEBS MASTIC

**Product Name:** THERMO SEBS MASTIC

### Section I: Manufacturer Identification

Manufacturer's Name: THERMO MANUFACTURING SYSTEMS, LLC Information Phone: (800) 822-7007  
Address: 301 Walnut Springs Rd. Date Revised: 12/13/04  
Lindale, TX 75771 Emergency Phone: (800) 424-9300 (CHEMTREK)

### Section II: Hazardous Ingredients/ SARA III Information

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE mm HG@	TEMP	WEIGHT PERCENT
		OSHA PEL	ACGH TLV	OTHER			
*TOLUENE	108-88-3	200 PPM	100 PPM	N / A	24.0	68°F	40
SOLVENT	64742-95-6	100PPM	N / A	N / A	N / A	N / A	
STYRENE BUTYLENE BLOCK COPOLYMER	66070-58-4	N / A	N / A	N / A	N / A	N / A	
ZINC DIBUTYLDITHIOCARBAMATE	136-23-2	N / A	N / A	N / A	N / A	N / A	
POLYALICYCLIC RESIN	69430-35-9	N / A	N / A	N / A	N / A	N / A	
*TITANIUM DIOXIDE	13463-67-7	5 MG/M3	5 MG/M3	N / A	N / A	N / A	13
CALCIUM CARBONATE	1317-65-3	5 MG/M3	5 MG/M3	N / A	N / A	N / A	

\*Indicate toxic chemical (s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372. WARNING: Detectable amounts of one or more chemical known to the State of California to cause cancer and / or birth defects or other reproductive harm are present in this product. (Prop. 65)

### Section III: Physical/Chemical Characteristics

Boiling Range: 231°F Specific Gravity: (H2O = 1) 1.0  
Vapor Density: Heavier than air Evaporation Rate: Slower than Ether  
Coating V.O. C. 3.24 lb / gl (388 g / L) Solubility in Water: Negligible  
Material V.O.C. 3.24 lb / gl (388 g / L)  
Appearance and Odor: White Mastic. Mild solvent odor.

### Section IV: Fire and Explosion Hazard Data

Flash Point: 145°F  
Flammable Limits in Air By Volume: Lower 1.0% Upper 7.0 %  
Extinguishing Media: Foam, CO<sub>2</sub>, Dry Chemical,  
Method Used: TCC

### Special Fire Fighting Procedures

Self-contained breathing apparatus with full face piece operated in pressure demand or other positive pressure mode. During emergency conditions over exposure to decomposition products may cause immediate or delayed health hazards.

### Unusual Fire and Explosion Hazards

Vapors are heavier than air and may travel along the ground and be ignited by heat, open flame, or other ignition sources. Keep containers tightly closed. Isolate from heat, sparks, electrical equipment, and open flames. Closed containers may explode when exposed to extreme heat.

### Section V: Reactivity Data

Stability: Stable  
Conditions to Avoid: Do not expose to high temperatures, open ignition sources which induce thermal decomposition.  
Incompatibility (Materials to Avoid): Avoid contact with strong oxidizing agents, strong acids, and selected amine.  
Hazardous Decomposition or Byproducts: May form toxic materials, CO<sub>2</sub>, CO, various hydrocarbons, etc. on thermal decomposition.  
Hazardous Polymerization: Will not occur.

### Section VI: Health Hazard Data

- 1) Inhalation Health Risks and Symptoms of Exposure: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, fatigue, nausea, headache, and possible unconsciousness.
- 2) Skin and Eye Contact Health Risks and Symptoms of Exposure: Can cause sever irritation, redness, tearing, and blurred vision.

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**Thermo Manufacturing Systems, LLC**

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- 3) Skin Absorption Health Risks and Symptoms of Exposure: Skin- Prolonged or repeated contact can cause moderate irritation, defatting, and dermatitis.
- 4) Ingestion Health Risks and Symptoms of Exposure: Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.
- 5) Health Hazards: (Acute and Chronic) ACUTE – EYES: Can cause severe irritation, redness, tearing and blurred vision. SKIN: Can cause moderate irritation, defatting and dermatitis. INHALATION: Can cause nasal and respiratory irritation. Aspiration into lungs can cause chemical pneumonitis, which can be fatal. CHRONIC: Prolonged or repeated exposure to levels above TLV may result in permanent brain and nervous system damage.
- 6) Carcinogenicity: NTP: NO IARC Monographs: NO OSHA Regulated: NO
- 7) Medical Conditions Generally Aggravated by Exposure: None Known.
- 8) Emergency and first Aid Procedures: EYES: Flush immediately with large amounts of water for at least 15 minutes. Take to a physician for medical treatment. SKIN: Wash affected areas with soap and water. Remove contaminated clothing. Consult a physician if irritation persists. INHALATION: Remove to fresh air. Restore breathing. Treat symptomatically. Consult physician. INGESTION: Drink 1 or 2 glasses of water to dilute. Do not induce vomiting. Consult physician or poison control center immediately. Treat symptomatically.

### Section VII: Precautions for Safe Handling and Use

- 1) Steps to be taken in case material is released or spilled: Eliminate all ignition sources. Dike, contain, or absorb with inert materials (sand, vermiculite, etc.). Transfer containers for recovery or disposal. Prevent runoff into sewers, streams or other bodies of water. See ec. II of V\*
- 2) Waste Disposal Method: Dispose of in accordance with all local, state or Federal regulations. Do not dump into sewers, on the ground or into any body of water.
- 3) Precautions To Be Taken in Handling and Storing: Do not store or use near sources of high temperatures, near fire or open ignition sources. Avoid contact with skin, or breathing vapors.
- 4) Other Precautions: Do not take internally. Avoid prolonged or repeated exposure to levels above TLV. Avoid breathing vapors. Vapors of this product are heavier than air and will collect in confined areas.

### Section VIII: Control Measures

- 1) Respiratory Protection: If TLV is exceeded use NIOSH / MSHA approved organic vapor and mist mask, supplied air or self contained breathing apparatus, depending on the vapor concentration in the area. Do not enter area if vapor concentration exceeds OSHA permissible.
- 2) Ventilation: Use adequate mechanical (general and / or local) ventilation to maintain exposure below TLV.
- 3) Protective Gloves: Wear resistant gloves such as nitrile rubber.
- 4) Eye Protection: Use chemical splash goggles or other OSHA permitted safety glasses.
- 5) Other Protective Clothing or Equipment: Wear impervious clothing. Eyewash Stations.
- 6) Work/Hygienic Practices: Wash hands before eating or using restrooms. Smoke only in approved areas.

### Section IX: Disclaimer

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