

MATERIAL SAFETY DATA SHEET

SEBS REFLECTIVE SURFACE COAT

Product Name: SEBS Reflective Surface Coat

HMIS CODES: H F R P
2 2 0 G

Section I: Manufacturer Identification

Manufacturer's Name: THERMO MANUFACTURING SYSTEMS, LLC
Address: 301 Walnut Springs Rd.
Lindale, TX 75771

Information Phone: (800) 822-7007
Date Revised: 12/13/04
Emergency Phone: (800) 424-9300

(CHEMTREK)

Section II: Hazardous Ingredients / SARA III Information

HAZARDOUS COMPONENTS	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE		WEIGHT PERCENT
	CAS NUMBER	OSHA PEL	ACGH TLV	OTHER	mm HG@ TEMP	
SOLVENT	64742-95-6	100PPM	100PPM	N / A	2.7 68f	
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
CALCIUM CARBONATE	1317-65-3	5 MG/M3	5 MG/M3	N / A	N / A	N / A
SILICON DIOXIDE (AMORPHOUS)	112945-52-5	20MPPCF	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.

Section III: Physical/Chemical Characteristics

Boiling Range: 313 °F to 572 °F
Vapor Density: Heavier than air
Coating V.O. C. 3.84 lb / gl (460 g / L)
Appearance and Odor: White or colored liquid. Mild solvent odor.

Specific Gravity: (H20 = 1) 1.1
Evaporation Rate: Slower than ether
Solubility in Water: Negligible

Section IV: Fire and Explosion Hazard Data

Flash Point: 114 °F
Flammable Limits in Air By Volume: Lower 0.5% Upper 6.0 %
Extinguishing Media: Foam, CO₂, Dry Chemical, and Water Fog
Method used: PMCC

Special Fire Fighting Procedures

Positive pressure self-contained breathing apparatus (seba) and structural firefighters protective clothing will provide limited protection.
This product is non-flammable below 100 °F. Auto Ignition Temperature is 400 °F.

Section V: Reactivity Data

Stability: Stable
Conditions to Avoid: Extreme heat, open flame.
Incompatibility (Materials to Avoid): Isolate from oxidizers, heat and open flame.
Hazardous Decomposition or Byproducts: Fire may produce irritating or poisonous gases.
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.
- 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: - headache, dizziness, nausea, and irritation. Chronic: - loss of appetite, nose bleeds
- 6) Carcinogenicity: NTP: NO IARC Monographs: NO OSHA Regulated: NO
- 7) Medical Conditions Generally Aggravated by Exposure: Pre-existing eye, skin, or respiratory disorders may be aggravated by exposure.

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The information contained herein is furnished without warranty of any kind. Users should consider this data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers. Information on this form is furnished solely for the purpose of compliance with OSHA Hazard Communication Standard, 20CFR 1910.1200, the Workplace Hazardous Material Information System (WHMIS), and shall not be used for any other purpose.

Thermo Manufacturing Systems, LLC

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- 8) Emergency and first Aid Procedures: Move victim to fresh air and call emergency medical care: if not breathing, give artificial respiration if breathing is difficult give oxygen. In case of contact with material, immediately flush eyes with running water for at least 15 minutes. Wash skin with soap and water. Remove and isolate contaminated clothing and shoes at the site.

Section VII: Precautions for Safe Handling and Use

- 1) Steps to be taken in case material is released or spilled: SMALL LEAKS: Take up with sand or other noncombustible absorbent material and place into containers for later disposal. LARGE LEAKS: Dike far ahead of liquid spill for later disposal. Stop leak if you can do it without risk.
- 2) Waste Disposal Method: Incinerate under safe conditions or dispose of in accordance with local, state, and federal regulations.
- 3) Precautions To Be Taken in Handling and Storing: Do not breathe vapors, use with adequate ventilation. Do not take internally. Don't get in eyes. Wear impervious clothing. Keep away from heat and flame.
- 4) Other Precautions: Shut off ignition sources: no flames, smoking or flames in hazard area.

Section VIII: Control Measures

- 1) Respiratory Protection: Wear respirator in confined area.
- 2) Ventilation: Local Exhaust recommended.
- 3) Protective Gloves: Normal work gloves.
- 4) Eye Protection: Safety glasses or goggles.
- 5) Other Protective Clothing or Equipment: Eye bath and safety shower.
- 6) Work/Hygienic Practices: Wash hands before eating or using restrooms. Smoke only in approved areas.

Section IX: Disclaimer

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