

MATERIAL SAFETY DATA SHEET

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

SECTION 2 – HAZARDOUS INGREDIENTS				
INGREDIENT	CAS #	TLV	PEL	PERCENT
Aromatic Solvent:	64742-95-6	100 ppm	100 ppm	
Styrene Butylene Block Copolymer:	66070-58-4	N/A	N/A	0.1-0.2%
Zinc Dibutyldithiocarbamate:	136-23-2	N/A	N/A	12-13%
Polyalicyclic Resin:	69430-35-9	N/A	N/A	
*Titanium Dioxide:	13463-67-7	5 mg/m ³	5 mg/m ³	
Calcium Carbonate:	1317-65-3	5 mg/m ³	5 mg/m ³	
Silicon Dioxide (Amorphous):	112945-52-5	5 mg/m ³	20 mppcf	
Zinc Chromate:	37300-23-5	N/A	N/A	1-2%

* Indicate toxic chemical (s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

SECTION 3 – PHYSICAL DATA	
Boiling Point:	313°-572°F
Vapor Pressure (mm Hg):	2.7 @ 68°F
Vapor Density:	Heavier than air.
Evaporation Rate:	Slower than ether.
Specific Gravity (H ₂ O=1):	1.1
Coating V.O.C.:	3.84 lb/gal. (460 g/L)
Solubility in Water:	Negligible
Appearance & Odor:	Yellow. Mild solvent odor.

SECTION 4 – FIRE & EXPLOSION HAZARD DATA	
Flash Point:	114°F
Flammable Limits in Air by Volume:	Lower 0.5% Upper 6.0%
Unusual Fire/Explosion Hazard:	Flammable/Combustible material: may be ignited by heat, sparks, or flames. Vapors may travel to a source of ignition and flash back. Containers may explode in heat of fire. Vapors explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard.
Extinguishing Media:	Foam, CO ₂ , Dry Chemical, and Water Fog.
Method Used:	PMCC
Special Firefighting Procedures:	Positive pressure self-contained breathing apparatus (scba) and structural fighting protective clothing will provide limited protection.

SECTION 5 – HEALTH HAZARD DATA	
Inhalation Risks:	Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, fatigue, nausea, headache, and possible unconsciousness.
Skin and Eye Contact Risks:	Can cause severe irritation, redness, tearing, and blurred vision.
Skin Absorption Health Risks:	Prolonged or repeated contact can cause moderate irritation, defatting, and dermatitis.
Ingestion Risks:	Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

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 5 – HEALTH HAZARD DATA cont.	
Health Hazards:	
Acute:	Headache, dizziness, nausea, and irritation.
Chronic:	Loss of appetite, nose bleeds.
Carcinogenicity:	NTP: NO
IARC Monographs:	NO
OSHA Regulated:	NO
Medical Conditions:	Pre-existing eye, skin, or respiratory disorders may be aggravated by exposure.
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 6 – REACTIVITY DATA	
Stability:	Stable
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition:	Fire may produce irritating or poisonous gases.
Conditions to Avoid:	Extreme heat, open flame.
Incompatibility:	Isolate from oxidizers, heat and open flame.

SECTION 7 – SPILL / LEAK PROCEDURES	
Small Leaks:	Take up with sand or other noncombustible absorbent material and place into container for later disposal.
Large Leaks:	Dike far ahead of liquid spill for later disposal. Stop leak if you can do it without risk.
Waste Disposal Method:	Incinerate under safe conditions or dispose of in accordance with local, state, and federal regulations.

SECTION 8 – SAFE HANDLING / USE INFORMATION	
Precautions:	
Do not breath in vapors, use with adequate ventilation. Do not take internally. Do not get in eyes. Wear impervious clothing. Keep away from heat and flame.	
Other:	
Shut off ignition sources: no flames, smoking or flames in hazard area.	

SECTION 9 – SPECIAL PRECAUTIONS	
Control Measures:	
Respiratory Protection:	Wear respirator in confined area.
Ventilation:	Local exhaust recommended.
Protective Gloves:	Normal work gloves.
Eye Protection:	Safety glasses or goggles.
Work/Hygienic Practices:	Wash hands before eating or using restrooms. Smoke only in approved areas.
Other Protective Clothing or Equipment:	Eye bath and safety shower.

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

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