

# MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION			
Manufacturer:	Thermo Manufacturing Systems, LLC		
Address:	301 Walnut Springs Road	Product:	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
Tannic Acid:	1401-55-4	Not Established		
De-ionized Water:	None	N/A		>25
Barium Sulfate:	7727-43-7	10 mg/m <sup>3</sup>		
Vinyl Copolymer:	None	N/A		>58
Butyl Cellosolve:	111-76-2	50 ppm		<4

SECTION 3 – PHYSICAL DATA	
Boiling Point:	212°F
Melting Point:	N/A
Vapor Pressure (mm Hg):	17.5
Vapor Density:	< 1
Evaporation Rate:	< 1
Specific Gravity:	1.0 – 1.2
% of Volatile by Weight:	41

SECTION 4 – FIRE & EXPLOSION HAZARD DATA	
OSHA Flammability Class:	N/A
DOT:	None
Flash Point:	N/A
Unusual Fire/Explosion Hazard:	Dry product may burn. Use water, foam, CO <sub>2</sub> or dry chemical extinguisher.
Extinguishing Media:	Non-Flammable
LEL:	0.9
Special Firefighting Procedures:	Vapor composition may be irritation to respiratory tract.. Wear full face, self-contained breathing apparatus & impervious hood, suits, gloves.

SECTION 5 – HEALTH HAZARD DATA			
<b>EFFECTS OF OVEREXPOSURE:</b>			
Medical Conditions:	None		
Primary Routes of Entry:	Skin, Inhalation, Eyes, Ingestion		
Emergency First Aid:	N/A		
HMIS:	Health: 1	Flammability: 0	Reactivity: 0
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:	Hazardous fumes may accumulate in confined areas.
Conditions to Avoid:	None
Incompatibility:	Alkaline material. Oxidizing agents. May attack mild steel.

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:	Ventilate confined spaces. Keep product out of watercourses by diking.
Waste Disposal Method:	Contact local authorities. Comply with local code.

SECTION 8 – SAFE HANDLING / USE INFORMATION	
<b>FIRST AID PROCEDURES:</b>	
Hygienic Practices:	Wash skin after contact.
Respiratory Protection:	Use dust/mist respirator (High efficiency cartridges advised.) if spraying or sanding. Use organic vapor cartridge respirator if TLV for solvent components may be exceeded, e.g., 8540 3M respirator) NIOSH approved). When using in confined areas, use air-fed hood.
Ventilation:	Use local exhaust when applying in confined areas.
Protective Gloves:	Must be water resistant gloves. To avoid repeated, prolonged skin contact, use chemical resistant.
Eye Protection:	Use tight fitting splash goggles with side shields or face shield.
Other Protective Equipment:	To avoid repeated skin contact, long sleeve shirts, pants extending over work shoes, chemical resistant apron.

SECTION 9 – SPECIAL PRECAUTIONS	
Handling/Storage:	Do not store near flame. Keep containers closed when not in use. Adequate ventilation required. Store in cool, dry area away from direct sunlight. DO NOT FREEZE.
Other:	None

SECTION 10 – TRANSPORTATION DATA	
Shipping Name:	Not regulated.
Labeling:	N/A
Labeling Required:	None required.
Hazard Class:	N/A

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