

MATERIAL SAFETY DATA SHEET

SECTION 1 – IDENTIFIERS			
MANUFACTURER:	Thermo Manufacturing Systems, LLC		
ADDRESS:	301 Walnut Springs Road	PRODUCT:	Thermo Wet-Seal
	Lindale, TX 75771	CHEMICAL FAMILY:	Thermoplastic Resin Solution
PHONE:	(903) 881-8771	Revision Date:	06/15/03
EMERGENCY:	(800) 424-9300 (Chemtrec)		

SECTION 2 – COMPOSITION		
COMPONENT	CAS #	APPROX TLV
Acrylic Polymer:	80-62-6	17.5%
Mineral Spirit:	8052-41-3	21.2%
Titanium Dioxide	1317-80-2	10.0%
Polybutene:	8042-47-5	13.0%
Calcium Metasilicate:	13983-17-0	12.5%
Aluminum Silicate:	1344-95-2	9.9%
Methoxy Propanol Acetate:	108-65-6	16.8%
Known Carcinogens or Mutagens – Type & Definition: None		

SECTION 3 – PHYSICAL DATA			
BOILING POINT:	400° F	SPECIFIC GRAVITY (H2O=1):	0.93
VAPOR PRESSURE:	10	PERCENT, VOLATILE BY VOLUME:	38%
VAPOR DENSITY (AIR=1):	4.8	EVAPORATION RATE (N.B.A.=1):	0.2
SOLUBILITY IN WATER:	Insoluble	pH (5% SLURRY):	7
APPEARANCE & ODOR:	Dark gray liquid with mineral spirit odor.		

SECTION 4 – FIRE & EXPLOSION HAZARD DATA	
FLASH POINT (METHOD USED):	107° F Tag Closed Cup (ASTM D50)
FLAMMABLE LIMITS:	Lel 0.9%; Uel 6.0%
EXTINGUISHING MEDIA:	Carbon dioxide; foam; dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES:	Use air supplied breathing equipment for enclosed areas. Cool exposed containers with water spray.
UNUSUAL FIRE & EXPLOSION HAZARDS:	Sealed containers may build up pressure if exposed to heat (fire).
DECOMPOSITION PRODUCTS:	Chlorine and HCL in small quantities from high temperature combustion.

SECTION 5 – HEALTH HAZARD DATA	
EFFECTS OF OVEREXPOSURE:	
SKIN:	May irritate skin.
EYES:	Contact may cause severe damage. Vapor may irritate.
BREATHING:	Inhalation may cause headache, dizziness, nausea and irritation.
SWALLOWING:	Harmful or fatal if swallowed.
FIRST AID PROCEDURES:	
SKIN:	Clean thoroughly with pumice-based hand cleaner, followed by soap and water.
EYES:	Flush with clear water for 15 minutes and seek immediate medical attention.
BREATHING:	Move victim to fresh air.
SWALLOWING:	DO NOT induce vomiting. Seek immediate medical attention.

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 6 – REACTIVITY DATA	
STABILITY:	Stable.
INCOMPATIBILITY (MATERIALS TO AVOID):	Water (moisture); alcohols; amines; oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon and nitrogen.
HAZARDOUS POLYMERIZATION:	Will not occur.
CONDITIONS TO AVOID:	Heat, sparks and open flame.

SECTION 7 – SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:	Cover with a layer of sand or other suitable absorbent. Use protective measures as outlined under Section VIII below. Avoid contact with eyes, skin or clothing.
WASTE DISPOSAL METHOD:	Dispose of in accordance with local, state and federal regulations; absorb with sand.

SECTION 8 – SPECIAL PROTECTION INFORMATION	
RESPIRATORY PROTECTION (SPECIFY TYPE):	In confined spaces, use fresh air hood or NIOSH certified vapor canister unit.
EYE PROTECTION:	Safety goggles or face shield.
SKIN PROTECTION:	Nitrile rubber gloves.
OTHER PPE:	Coveralls and/or rubber apron, rubber shoes or boots.
PERSONAL HYGIENE:	Wash thoroughly after handling.

SECTION 9 – SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING:	Avoid prolonged or repeated contact with skin. Avoid contact with moisture. Do not use in confined areas without adequate ventilation.

SECTION 10 – TRANSPORTATION INFORMATION	
PROPER SHIPPING NAME:	Paint
HAZARD CLASS:	3
PACKING GROUP:	III
ID #:	UN 1263
RQ:	None
TRANSPORT LABELS REQUIRED:	Flammable liquid. (In the U.S., this material may be re-classified as a combustible liquid and is not regulated in containers less than 119 gallons via surface transportation.)

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