

**MATERIAL SAFETY DATA SHEET
THERMO-SHIELD® ROOF COATING**

**PRODUCT NAME: Thermo-Shield® ROOF COATING
PRODUCT CODE: 000000000000001900**

**HMIS CODES: H F R P
100B**

-----**SECTION I - MANUFACTURER IDENTIFICATION**-----

**SUPPLIER'S NAME: SPM Thermo-Shield, Inc.
RT 2 BOX 208-A
CUSTER, SD 57730**

**EMERGENCY PHONE; 1-800-424-9300
03/26/97**

INFORMATION PHONE: 605-673-3201

DATE PRINTED:

**NAME OF
PREPARER:
Product Safety &
Compliance
Department**

-----**SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION**-----

REPORTABLE COMPONENTS	GAS NUMBER PERCENT	VAPOR PRESSURE		
		WEIGHT	mm Hg	@TEMP
PROPYLENE GLYCOL	57-55-6	.22	66	DEG F
1				
N/A				

-----**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**-----

BOILING RANGE: 175 DEG F - 279 DEG F

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SPECIFIC GRAVITY**

(H2O=1): 0.989

VAPOR DENSITY: HEAVIER THAN AIR

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**EVAPORATION RATE: SLOWER
THAN ETHER**

SOLUBILITY IN WATER: SOLUBLE

**APPEARANCE AND ODOR: PRODUCTS IN THIS MSDS CLASSIFICATION MAY VARY
FROM**

SMOOTH AND CLEAR TO OPAQUE AND TEXTURED. ODOR WILL BE CHARACTERISTIC OF DILUENT PRESENT.

-----**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**-----

FLASH POINT: >160 DEC F **METHOD USED:**
PMCC
FLAMMABLE LIMITS IN AIR BY VOLUME-LOWER: NA **UPPER: UNKNOWN**

EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, C02, DRY CHEMICAL, and WATER FOG

SPECIAL FIREFIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS WITH FULL FACE PIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WHEN FIGHTING FIRES.

UNUSUAL FIRE AND EXPLOSION HAZARDS: CLOSED CONTAINERS MAY EXPLODE OR BURST (DUE TO THE BUILD UP OF STEAM PRESSURE) WHEN EXPOSED TO EXTREME HEAT.

-----**SECTION V - REACTIVITY DATA**-----

STABILITY: STABLE

CONDITIONS TO AVOID: AVOID CONTACT WITH STRONG ALKALIZE, STRONG MINERAL ACIDS OR STRONG OXIDIZING AGENTS. DO NOT FREEZE LATEX PAINT.

INCOMPATIBILITY (MATERIALS TO AVOID) STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: BURNING, INCLUDING WHEN HEATED BY WELDING OR CUTTING, PRODUCT WILL SMOKE CARBON NONOXIDE AND CARBON DIOXIDE

HAZARDOUS POLYMERIZATION: NOT EXPECTED TO OCCUR

-----**SECTION VI - HEALTH HAZARD DATA**-----

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: VAPOR OR MIST CAN CAUSE HEADACHE, NAUSEA, AND IRRITATION OF THE NOSE, THROAT AND LUNGS

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: SLIGHT IRRITATING TO THE EYES

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: TOXIC EFFECTS DUE TO SKIN ABSORPTION POSSIBLE

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, & VOMITING.

HEALTH HAZARDS (ACUTE AND CHRONIC): ACUTE, SEE ABOVE. CHRONIC: OVEREXPOSURE TO THIS MATERIAL OR ITS COMPONENTS HAS APPARENTLY BEEN FOUND TO CAUSE THE FOLLOWING EFFECTS IN LABORATORY ANIMALS: KIDNEY DAMAGE

CARCINOGENICITY: NTP CARCINOGEN: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: POSSIBLE ALLERGIC REACTIONS

EMERGENCY AND FIRST AID PROCEDURES: SKIN: WASH EXPOSED AREA WITH MILD SOAP AND WATER. REMOVE CONTAMINATED CLOTHING & LAUNDRER BEFORE REUSE. EYES: FLUSH WITH LARGE AMOUNTS OF FRESH WATER, LIFTING UPPER AND LOWER LID OCCASIONALLY; GET MEDICAL ATTENTION. INHALATION: REMOVE INDIVIDUAL TO FRESH AIR. APPLY ARTIFICIAL RESPIRATION AND/OR OXYGEN IF NECESSARY & GET MEDICAL ATTN. KEEP INDIVIDUAL WARM AND QUIET. INGESTION: DO NOT INDUCE VOMITING, GET MEDICAL ATTENTION

-----SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE-----

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASE OR SPILLED: ELIMINATE ALL IGNITION SOURCES, DIKE AREA. ABSORB MATERIAL WITH VERMICULITE OR OTHER ABSORBENT MATERIALS, IF LARGE SPILL, DIKE AREA AND PUMP MATERIAL INTO TANK FOR REUSE OR DISPOSAL

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. CONTACT LOCAL CHEMICAL WASTE COMPANY FOR FURTHER INFORMATION.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: KEEP MATERIAL FROM FREEZING AS PRODUCT MAY COAGULATE, DO NOT EXPOSE TO EXTREME HEAT

OTHER PRECAUTIONS: CONTAINER OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTY, RETAIN PRODUCTS RESIDUES (VAPORS, LIQUID, AND/OR SOLIDS), ALL HAZARD PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE OBSERVED. NEVER USE CUTTING/WELDING TORCH ON OR NEAR PRODUCT CONTAINERS AS PRODUCT AND RESIDUES CAN IGNITE EXPLOSIVELY

-----**SECTION VIII - CONTROL MEASURES**-----

RESPIRATORY PROTECTION: IF EXPOSURE LIMITS EXCEEDED, WEAR NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR

VENTILATION: PROVIDE SUFFICIENT MECHANICAL VENTILATION (GENERAL AND/OR LOCAL EXHAUST) TO MAINTAIN EXPOSURE BELOW TLV(S)

PROTECTIVE GLOVES: WEAR RESISTANT GLOVES SUCH AS NITRILE RUBBER OR NEOPRENE.

EYE PROTECTION: CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISE.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: TO PREVENT REPEATED OR PROLONGED CONTACT WITH SKIN, WEAR IMPERVIOUS CLOTHING AND BOOTS.

WORK/HYGIENIC PRACTICES: N/A

-----**SECTION IX - DISCLAIMER**-----

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