

MATERIAL SAFETY DATA SHEET

FOR COATINGS, RESINS AND RELATED MATERIALS

DATE OF PREPARATION- 8/25/87

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FACTURER'S NAME : WISCONSIN PROTECTIVE COATINGS
 SS : **PLASITE** 614 ELIZABETH STREET
 SS : P.O. BOX 216
 STATE : GREEN BAY, WI 54305

EMERGENCY TELEPHONE NO. DAY: (414) 437-6561 NIGHT: (800) 424-9300
 INFORMATION TELEPHONE NO. DAY: (414) 437-6561 NIGHT:

SECTION I -- PRODUCT IDENTIFICATION

FACTURER'S CODE IDENTIFICATION: 1000P000H-04 LAST MOD. DATE : 8/04/87
 PRODUCT CLASS: INORGANIC ZINC COATING
 PRODUCT NAME: PLASITE 1000 INORGANIC ZINC

1000P000A-02 1000P000B-01 1000P000C-01

SECTION II HAZARDOUS INGREDIENTS

INGREDIENT	CAS#	% BY WEIGHT	TLV MG/M3	PEL MG/M3	OTHER
SILICATE	*78-10-4	* 0%-30%	* N/A	* 850.00*	
1,3-DIOXYPROPOXYPROPANOL	*20324-32-7	* 0%-30%	* 600.00*	600.00*	
ETHYL ALCOHOL @	*71-36-3	* 0%-30%	* 150.00*	300.00*	
ALCOHOL	*64-17-5	* 0%-30%	*1900.00*	1900.00*	

IF THE MATERIAL DESCRIPTION IS FOLLOWED BY "@", THEN THE TLV/PEL IS A CEILING VALUE.

SECTION III PHYSICAL DATA

BOILING RANGE HIGH 250.0 DF LOW 173.0 DF
 VAPOR PRESSURE 44.00 MMHG @68DF
 VAPOR DENSITY -N/A
 EVAPORATION RATE FASTER THAN ETHER
 THEORETICAL WEIGHT PER GALLON 22.0 +/- .2
 THEORETICAL % VOLATILE BY VOLUME 69.56 +/- 4%
 THEORETICAL % VOLATILE BY WEIGHT 22.39 +/- 4%

HMS*

H HEALTH	2
F FLAMMABILITY	4
R REACTIVITY	0
PERSONAL PROTECTION	J

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 MANUFACTURER'S CODE: 1000P000H-04

SECTION IV -- FIRE AND EXPLOSION HAZARD
 FLAMMABILITY CLASSIFICATION OSHA-CLASS IB
 LOWEST FLASHPOINT T.C.C. 56.0 DF LOWER EXPLOSION LIMIT

EXTINGUISHING MEDIA: Foam, Carbon dioxide, Dry Chemical
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Liquid is flammable
 . concentration can explode if exposed to sparks,
 . electric sparks or static charge. Sealed containers
 . and may explode if exposed to heat. Water may be used
 . Use explosion-proof lighting only.

SPECIAL FIREFIGHTING PROCEDURES: Water may not be used
 . contained breathing apparatus and full protective clothing
 . products from burning are not fully known but may be
 . Symptoms may not be immediately apparent. Obtain medical

SECTION V -- HEALTH HAZARD

EFFECTS OF OVEREXPOSURE: ACUTE: Irritation to eyes
 . high vapor concentrations. Liquid may cause chemical
 . irreversible; may cause chemical burn on skin.
 . skin sensitization. Reports associated with repeated
 . overexposure to solvents with permanent brain damage

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE
 . tions, other chronic respiratory diseases or sinusitis
 PRIMARY ROUTE OF ENTRY: Inhalation

EMERGENCY AND FIRST AID PROCEDURES: INHALATION:
 . store breathing. Treat symptomatically. Consult physician
 . Flush with water for at least 15 minutes. Take
 . (SKIN): Wash with soap and water. Remove contaminated
 . physician. INGESTION: Drink water to dilute. Do not
 . Consult poison control center or physician immediately.

SECTION VI -- REACTIVITY

STABILITY: Stable
 HAZARDOUS POLYMERIZATION: Will not occur
 HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion
 . monoxide and other toxic gases.

CONDITIONS TO AVOID: High temperature or heat. Ignition
 . zation.
 INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing
 . acids.

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
 . possible source of ignition. No smoking. Ventilate area
 . Recover free liquid. Absorb with dry, inert material
 . vapors.

WASTE DISPOSAL: Run-off to waterway creates fire hazard
 . accordance with federal, state, and local regulations

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SECTION VIII-- SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: In confined areas use NIOSH/MSHA approved air-supplied mask when spraying. In areas with restricted ventilation an organic-vapor and dust respirator may be sufficient.

VENTILATION: Use only with adequate ventilation. Use NIOSH/MSHA approved explosion-proof lighting and ventilation equipment. No smoking or open lights. Local Exhaust (When applying coating): Face Velocity >60FPM.

PROTECTIVE GLOVES: Neoprene or other solvent resistant material.

EYE PROTECTION: Chemical goggles or face splash shield.

OTHER PROTECTIVE EQUIPMENT: Use NIOSH/MSHA approved explosion-proof lighting. Clean coveralls and rubber soled shoes.

HYGIENIC PRACTICES: Observe good personal hygiene. Clean material off hands before eating, using toilet facilities, or smoking. No smoking while using or while containers are open.

SECTION IX-- SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep containers closed. Keep away from heat and open flame. Store in a NO SMOKING area.

OTHER PRECAUTIONS: Avoid prolonged or repeated breathing of vapors. Avoid prolonged contact with skin. Avoid breathing dust from sanding, blasting, or abrading the dry coating.

. °F= Degrees Fahrenheit

. A= Not Applicable