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SECTION 1 - IDENTIFICATION  
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PRODUCT (TRADE) NAME: Melting Point Standards (Granular)  
CHEMICAL FAMILY: Temperature Indicating Paint  
DATE PREPARED: 5/22/91  
SUPERSEDES: 7/25/88

SUPPLIER: OMEGA ENGINEERING, INC.  
P.O. BOX 4047  
STAMFORD, CT 06907

TELEPHONE: (203) 359-1660

SHIPPING NAME (UN NUMBER PER TRANSPORTATION AUTHORITY):  
DOT: Non-Restricted Article: 49 CFR Part 172

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SECTION 2 - HAZARDOUS INGREDIENTS  
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HAZARDOUS MIXTURES OF LIQUIDS AND GASES	%	TLV	PEL
Fusible Organic Compounds (CAS#: *)	90-94%	N/A	
Cellulose or Shellac Binder (CAS#: N/A)	5-10%	N/A	
Non-hazardous Pigment	0.1-1%	N/A	

\*Listed on supplement sheet when toxic and applicable. Melting point standards mercury or carcinogens listed in the code of Fed. Reg. 29CFR.

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SECTION 3 - PHYSICAL DATA  
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BOILING POINT: N/A  
SPECIFIC GRAVITY: Varies  
VAPOR PRESSURE: N/A  
PERCENT VOLATILE BY VOLUME (%): 0  
DENSITY: N/A  
EVAPORATION RATE: N/A  
SOLUBILITY IN WATER (VARIABLE): --  
MATERIAL AT NORMAL CONDITION: Chalk-like product  
EXPANSION RATIO (LIQUID TO GAS): N/A  
APPEARANCE AND ODOR: Chalk-like product

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SECTION 4 - FIRE AND EXPLOSION HAZARD DATA  
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FLASH POINT: >200°F  
FLASH POINT (METHOD USED): --  
FLAMMABILITY LIMITS IN AIR (% BY VOL):  
    LOWER: N/A    UPPER: N/A  
EXTINGUISHING MEDIA: Foam, dry chemical, carbon dioxide

SPECIAL FIRE FIGHTING PROCEDURES: Use self-contained or air-supplied breathing apparatus for protection against possible toxic combustion products.

UNUSUAL FIRE AND EXPLOSION HAZARD: None

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SECTION 5 - HEALTH HAZARD DATA  
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THRESHOLD LIMIT VALUE: See attached supplement

UNUSUAL CHRONIC TOXICITY: N/A

CARCINOGENICITY: N/A

ROUTES OF EXPOSURE: Inhalation, Ingestion, Eye and Skin Contact

EFFECTS OF OVEREXPOSURE: When heated, may emit fumes or vapors which may be harmful if inhaled. If heated to decomposition may emit carbon dioxide, carbon monoxide or other toxic compounds. Use with adequate ventilation or respiratory protection.

EMERGENCY AND FIRST AID PROCEDURES:

    INHALATION: Remove to fresh air. Obtain immediate medical attention.

    INGESTION: Obtain immediate medical attention--see attached supplement sheet.

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SECTION 6 - REACTIVITY DATA  
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STABILITY: Stable  
CONDITIONS TO AVOID: N/A

INCOMPATIBILITY (MATERIALS TO AVOID): Unknown

HAZARDOUS DECOMPOSITION PRODUCTS: If heated to decomposition, may emit carbon dioxide, carbon monoxide or other toxic compounds.

HAZARDOUS POLYMERIZATION: Will not occur  
CONDITIONS TO AVOID: N/A

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SECTION 7 - SPILL OR LEAK PROCEDURES  
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: N/A

WASTE DISPOSAL METHOD: Observe all federal, state and local regulations concerning health and environment.

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SECTION 8 - SPECIAL PROTECTIVE INFORMATION  
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RESPIRATORY PROTECTION (SPECIFY TYPE): Not required with adequate ventilation.

VENTILATION: Local exhaust

PROTECTIVE GLOVES: Impermeable gloves should be worn.

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE EQUIPMENT: Not normally required

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SECTION 9 - SPECIAL PRECAUTIONS  
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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Observe good hygienic practices. Avoid contact with eyes, skin and clothing. Use with ventilation.

VALVE CONNECTION: N/A

OTHER PRECAUTIONS: N/A

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