

# MATERIAL SAFETY DATA SHEET

## SWARCO AMERICA

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### SECTION I

**Product:** *Swarcotherm™ Alkyd Formulation / Yellow / Lead Free*

**Category:** Thermoplastic Road Marking Compound

**Chemical Binder Family:** Modified glycerol ester of rosin

### SECTION II

<u>HAZARDOUS COMPONENT</u> % WT	<u>ACGIH/ TLV</u>	<u>OSHA/PEL</u>	<u>HAZARD</u>
No hazardous components Not regulated under OSHA 23CFR 1910.1200 or SARA Title III	N/A	N/A	N/A

### SECTION III PHYSICAL DATA

Boiling Point: N/A  
Melting Point: 200 F(93°C) min.  
Vapor Pressure: N/A  
Vapor Density: N/A  
Specific Gravity: 2.3 max  
(H<sub>2</sub>O=1)  
Solubility in Water: Negligible  
Volatile: Negligible  
Odor: Alkyd oil  
Appearance: Granular  
Evaporation Rate: N/A

### SECTION IV FIRE & EXPLOSION HAZARD DATA

Flash Point:	> 475 ° F
Flammable Limits:	Not Known
Extinguishing Media:	Water spray, dry chemical, CO <sub>2</sub> , Foam
Special Fire Fighting Procedures:	None. Avoid direct contact with water to avoid splattering of molten paint.

### SECTION V HEALTH HAZARD DATA

**Effects of Overexposure:** Excessive inhalation of dust from powdered material may result in respiratory tract irritation. When using Yellow thermoplastic, special care should be taken to minimize accumulation of dust particles. By minimizing these dust particles, the exposure to lead through inhalation of the dust is reduced. Consult physician in case material is ingested.

**Emergency Procedures in case of thermal skin burns:** Cool affected area as soon as possible in cold water; be sure to leave plastic in place. Place furacin soluble dressing on plastic and surrounding area. Cover affected area with protective bandage. In case of a severe burn, a physician should be consulted.

## **SECTION VI**

### **REACTIVITY DATA**

**Stability:** Stable at < 475 ° F

**Conditions to avoid:** Temperatures above 500 ° F.

**Incompatibility:** None

**Hazardous Decomposition Products:** Carbon Monoxide, Carbon Dioxide

**Polymerization:** Will not occur.

## **SECTION VII**

### **SPILL OR LEAK PROCEDURES**

**Granular material** may be scooped up or swept. Allow molten material to cool and then dispose under applicable laws accordingly.

**WASTE DISPOSAL:** Dispose of material in accordance with applicable Federal, State and Local authorities.

## **SECTION VIII**

### **SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:** An approved NIOSH respirator. Use of respirator will be based on the required respirator in accordance with OSHA standard 29 CFR 1910.134.

**Ventilation:** Local exhaust recommended when generating excessive levels of airborne dust/vapors when heating plastic.

**Protective Gloves:** General work gloves; must be heat resistant when handling molten plastic.

**Eye Protection:** Safety glasses; wear eye goggles covered with face shield when handling molten plastic.

**Other Protective Equipment:** Wear heat resistant protective clothing when handling molten plastic.

## **SECTION IX**

### **SPECIAL PRECAUTIONS**

**STORING:** Keep in a ventilated area when possible and avoid inhaling dust particles. Always wash hands after use and before eating, drinking or any other personal activity.

**OTHER:** Always be prepared for any emergencies. Always carry a first aid kit during application and some water and ice.

#### **Note to the Reader:**

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