

**MATERIAL SAFETY DATA SHEET
SWARCO AMERICA**

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Revision: 01-01-2000
Issue Date: 12/16/99

SECTION I

Product: Swarcotherm™ Alkyd Formulation /White
Category: Thermoplastic Road Marking Compound
Chemical Binder Family: Modified glycerol ester of rosin

SECTION II

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

**SECTION 111
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
(H₂O =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, CO₂, 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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