U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

MATERIAL SAFETY DATA SHEET
Required under USDl Safety and Health Regulations for Ship Repairing,
Shipbuilding and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I
MANUFACTURER’S NAME
SWARCO INDUSTRIES, INC.
ADDRESS (Number, Street, City, State & Zip Code)
P.O. Box 89, 270 RUTHERFORD LANE, COLUMBIA, TN 38402-0089
CHEMICAL NAME AND SYNOMYS
N/A
TRADE NAME AND SYNONYMS
ThermoPrint HT
CHEMICAL FAMILY
Modified glycerol ester of rosin
Category
Thermoplastic Road Marking Compound

SECTION II - HAZARDOUS INGREDIENTS
PAINTS, PRESERVATIVES & SOLVENTS
PIGMENTS N/A
CATALYST N/A
VEHICLE N/A
SOLVENTS N/A
ADDITIVES N/A
OTHERS N/A
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS OR GASES
To the best of our knowledge, this material is non-hazardous as per our
OSHA 29CFR 1910 1200

SECTION III - PHYSICAL DATA
SOFTENING POINT (F) 200° F
VAPOR PRESSURE (mm Hg.) N/A
VAPOR DENSITY (AIR =1) N/A
SOLUBILITY IN WATER N/A
APPEARANCE AND ODOR: WHITE IN COLOR; SLIGHT APPRECIABLE ODOR

SECTION IV - FIRE AND EXPLOSION HAZARD DATA
FLASH POINT (Method Used) 500° F
FLAMMABLE LIMITS
Lol N/A
Uol N/A
EXTINGUISHING MEDIA
WATER, CO2, Foam, Dry Chemical, Carbon Dioxide
SPECIAL FIRE FIGHTING PROCEDURES
Wear self contained breathing apparatus in the positive pressure mode to avoid smoke & fumes.
UNUSUAL FIRE AND EXPLOSION HAZARDS
N/A
SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

N/A

EFFECTS OF OVEREXPOSURE

NONE for cold product. Hot or molten thermoplastic may cause serious burns to unprotected skin.

EMERGENCY AND FIRST AID PROCEDURES

When exposed to molten or heated thermoplastic material, flush with cold water, do not attempt to remove product from skin or eyes, seek medical attention immediately.

SECTION VI - REACTIVITY DATA

<table>
<thead>
<tr>
<th>STABILITY</th>
<th>UNSTABLE</th>
<th>CONDITIONS TO AVOID</th>
</tr>
</thead>
<tbody>
<tr>
<td>stable at &lt;475° F</td>
<td>STABLE</td>
<td>XX</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Temperatures above 500° F.</td>
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</tbody>
</table>

INCOMPATIBILITY (Materials to avoid)

Should not be brought into contact with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon Monoxide, Carbon Dioxide

<table>
<thead>
<tr>
<th>HAZARDOUS</th>
<th>MAY OCCUR</th>
<th>CONDITIONS TO AVOID</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLYMERIZATION</td>
<td>WILL NOT OCCUR</td>
<td>XX</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STORAGE ABOVE 120 DEGREES F; MOISTURE</td>
</tr>
</tbody>
</table>

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Allow material to solidify. Collect material or scrape off surface.

WASTE DISPOSAL METHOD

Dispose of in compliance with local, State and Federal Regulations

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify Type)

N/A

VENTILATION

LOCAL EXHAUST N/A SPECIAL

Heat where well ventilated N/A OTHER

PROTECTIVE GLOVES

Wear heat protective gloves when molten.

FACE PROTECTION

Face Shield/ Safety goggles when molten.

OTHER PROTECTIVE EQUIPMENT

Wear long sleeve shirts, long pants, hard soled shoes.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in temperatures below 120°. Store in cool, dry place.

OTHER PRECAUTIONS

Provide adequate ventilation. Use respirators when exposure exceeds acceptable limits.

Use NIOSHA/OSHA approved respiratory protection equipment in poorly ventilated areas.