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  
Standard Oil Company (Ohio) & Borden Oil Company

ADDRESS (Number, Street, City, State, and ZIP Code)  
Midland Building, Cleveland, Ohio 44115

EMERGENCY TELEPHONE NO.  
(216) 575-4300

SECTION II - HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>PAINTS, PRESERVATIVES, &amp; SOLVENTS</th>
<th>% TLV (Units)</th>
<th>ALLOYS AND METALLIC COATINGS</th>
<th>% TLV (Units)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PIGMENTS</td>
<td>BASE METAL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CATALYST</td>
<td>ALLOYS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VEHICLE</td>
<td>METALLIC COATINGS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOLVENTS</td>
<td>FILLER METAL PLUS COATING OR CORE FLUX</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADDITIVES</td>
<td>OTHERS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OTHERS</td>
<td>N.A.</td>
<td></td>
<td>N.A.</td>
</tr>
</tbody>
</table>

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES

These products are not classified as "Hazardous Material" as defined in U.S. Department of Labor Safety and Health Regulations Section 57, Parts 1501, 1502, 1503.

SECTION III - PHYSICAL DATA

<table>
<thead>
<tr>
<th>BOILING POINT (°F.)</th>
<th>Initial</th>
<th>650+</th>
</tr>
</thead>
<tbody>
<tr>
<td>VAPOR PRESSURE (mm Hg)</td>
<td>0.1</td>
<td></td>
</tr>
<tr>
<td>VAPOR DENSITY (L/克)</td>
<td>No measurable vapor @ 100°F</td>
<td></td>
</tr>
<tr>
<td>SOLUBILITY IN WATER</td>
<td>Less than 0.1% Negligible</td>
<td>Acetate</td>
</tr>
<tr>
<td>APPEARANCE AND ODOR</td>
<td>Water White (30+ Saybolt Color) &amp; Odorless</td>
<td></td>
</tr>
</tbody>
</table>

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

<table>
<thead>
<tr>
<th>FLASH POINT (Method used)</th>
<th>D 92</th>
<th>355°F</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXTINGUISHING MEDIA</td>
<td>Carbon dioxide, dry chemical, foam</td>
<td></td>
</tr>
<tr>
<td>SPECIAL FIRE FIGHTING PROCEDURES</td>
<td>Avoid breathing fumes</td>
<td></td>
</tr>
</tbody>
</table>

UNUSUAL FIRE AND EXPLOSION HAZARDS

None
SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE
N.A.

EFFECTS OF OVEREXPOSURE
None Known

EMERGENCY AND FIRST AID PROCEDURES
Wash with copious amount of water

SECTION VI - REACTIVITY DATA

STABILITY
UNSTABLE
STABLE

CONDITIONS TO AVOID
Contact with open flame

X

INCOMPATABILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS
Carbon monoxide, carbon dioxide

HAZARDOUS POLYMERIZATION
MAY OCCUR
WILL NOT OCCUR

CONDITIONS TO AVOID

X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove any sources of ignition. Absorb with dry materials. Scoop up spilled product.

WASTE DISPOSAL METHOD
If unsuitable for use, dispose of at an approved disposal site or burn in accordance with state and local regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)
None

VENTILATION
LOCAL EXHAUST
None

MECHANICAL (General)
None

SPECIAL
OTHER

PROTECTIVE GLOVES
None

EYE PROTECTION
None

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Keep away from open flame.

OTHER PRECAUTIONS