# MATERIAL SAFETY DATA SHEET

Radiator Specialty Company
1900 WILKINSON BLVD. CHARLOTTE, NC 28208 (704) 377-6555
POISON INFORMATION & EMERGENCY: 303-623-5716

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**MATERIAL SAFETY DATA SHEET**

May be used to comply with OSHA’s Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

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**US DEPARTMENT OF LABOR**

Occupational Safety and Health Administration.

(Non-Mandatory Form) Form Approved OMB No. 1218-0072

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## SECTION I GENERAL INFORMATION

<table>
<thead>
<tr>
<th>PRODUCT NAME</th>
<th>TITE-SEAL® GASKET &amp; JOINT SEALING COMPOUND # 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NUMBER</td>
<td>T3 -04, -16</td>
</tr>
</tbody>
</table>

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

## SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>WT%</th>
<th>C.A.S. NO.</th>
<th>TLV (ACGIH—X-----OSHA-------)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vegetable Oil</td>
<td>30-50</td>
<td>Not known</td>
<td>N/A</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>15-25</td>
<td>67-63-0</td>
<td>400 ppm</td>
</tr>
</tbody>
</table>

Comments:

Components not identified are non-hazardous according to 29 CFR 1910.1200

## SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Specific Gravity (H₂O=1)</th>
<th>C. a. 1.1</th>
<th>pH Neutral</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solubility in Water</td>
<td>Partially soluble</td>
<td>Solubility in Solvent</td>
</tr>
<tr>
<td>Flash Point (Method) - F₀</td>
<td>60°F.</td>
<td>% Volatiles By Wt.</td>
</tr>
<tr>
<td>Melting Point - F₀</td>
<td>N/A</td>
<td>Boiling Point - F₀</td>
</tr>
<tr>
<td>Vapor Pressure (mmHg)</td>
<td>N/A</td>
<td>Vapor Density (Air=1)</td>
</tr>
<tr>
<td>Evaporation Rate (Butyl Acetate=1)</td>
<td>N/A</td>
<td>Appearance and Odor</td>
</tr>
</tbody>
</table>

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

**EXTINGUISHING MEDIA:**

<table>
<thead>
<tr>
<th>Water Fog</th>
<th>Foam</th>
<th>CO₂</th>
<th>Dry Chemical</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

**SPECIAL FIRE FIGHTING PROCEDURES.** Wear self-contained, positive pressure breathing apparatus and protective clothes.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

May produce dense smoke.
SECTION V REACTIVITY DATA

<table>
<thead>
<tr>
<th>Stable</th>
<th>Unstable</th>
<th>Corrosive NO</th>
<th>Hazardous Polymerization?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>NO</td>
<td>Yes</td>
</tr>
</tbody>
</table>

- Incompatibilities: oxidizing agents / high temperatures
- Hazardous Decomposition or Byproducts: Fire: normal products of combustion; carbon dioxide, carbon monoxide, smoke.

SECTION VI HEALTH HAZARD INFORMATION

<table>
<thead>
<tr>
<th>Recommended TLV of Product</th>
<th>400 ppm</th>
</tr>
</thead>
</table>

- **EYE CONTACT**: May cause eye irritation and cornea damage. Product is adhesive.
- **SKIN CONTACT**: Excessive exposure may cause skin irritation.
- **INHALATION**: Excessive inhalation of alcohol solvent may cause headache, narcosis, irritate mucus membrane.
- **INGESTION**: Harmful if swallowed. Product is adhesive and may cause choking. (Not likely)
- **OTHER**: N/A

SECTION VII EMERGENCY AND FIRST AID PROCEDURES

- **EYE CONTACT**: Flush thoroughly with water for 15 minutes while lifting eyelids. Consult a physician if adverse effects persist.
- **SKIN CONTACT**: Wash thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
- **INHALATION**: Move to fresh air immediately. If breathing is difficult, administer oxygen; if breathing has stopped, apply artificial respiration. Keep warm and summon medical assistance.
- **INGESTION**: INDUCE VOMITING! Drink 2 glasses of milk! Get medical attention immediately!

SECTION VIII SPECIAL PROTECTION INFORMATION

- **CONSUMER**
  - RESPIRATORY PROTECTION: N/A
  - VENTILATION: Use with adequate ventilation
  - EYE PROTECTION: N/A
  - PROTECTIVE CLOTHING: N/A

- **BULK HANDLING (Prolonged Exposure)**
  - RESPIRATORY PROTECTION: If TLV is exceeded, wear NIOSH approved respirator.
  - VENTILATION: General
  - EYE PROTECTION: Goggles
  - PROTECTIVE CLOTHING: Rubber gloves

SECTION IX PRECAUTIONS FOR SAFE HANDLING AND USE

- **SPILL OR LEAK PROCEDURE**: Observing health hazards described above, remove ignition sources, ventilate area, flush with water and wipe up with rags. Transfer to waste drum. Wash stains with alkaline detergent.
- **WASTE DISPOSAL METHOD**: Dispose of in accordance with all applicable government laws and regulations.
- **STORAGE AND HANDLING PRECAUTIONS**: Store in a cool place below 120°F. away from acids, ignition sources and oxidizing agents.
- **OTHER PRECAUTIONS**: WEARING CONTACT LENSES IS INADVISABLE WHILE USING THIS PRODUCT! KEEP AWAY FROM CHILDREN AND ANIMALS! RESPECT ALL CHEMICALS!

Supersedes JULY 1992
OSHA Revised AUG. 1996
Title: K. PHILLIPS-CHEMIST

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