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

MATERIAL SAFETY DATA SHEET
US DEPARTMENT OF LABOR
May be used to comply with OSHA’s Hazard
Standard must be consulted for specific require-
ments.

SECTION I GENERAL INFORMATION

PRODUCT NAME TITE-SEAL® GASKET & JOINT SEALING COMPOUND # 2
PART NUMBER T2 -01, -03, -03V, -11

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>13-23</td>
<td>Mixture</td>
<td>N/A</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>9-14</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>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific Gravity (H₂O=1)</td>
<td>1.5</td>
</tr>
<tr>
<td>pH</td>
<td>Neutral</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Slightly soluble</td>
</tr>
<tr>
<td>Solubility in Solvent</td>
<td>Alcohols</td>
</tr>
<tr>
<td>Flash Point (Method) - F⁰</td>
<td>60 (PM)</td>
</tr>
<tr>
<td>% Volatiles By Wt.</td>
<td>15%</td>
</tr>
<tr>
<td>Melting Point - F⁰</td>
<td>N/A</td>
</tr>
<tr>
<td>Boiling Point - F⁰</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Pressure (mmHg)</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Density (Air=1)</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate (Butyl Acetate=1)</td>
<td>N/A</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>Black paste with alcoholic odor.</td>
</tr>
</tbody>
</table>

SECTION IV FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA:
Water Fog  Foam  CO₂  Dry Chemical
X  X  X

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? Yes</th>
<th>No</th>
<th>X</th>
</tr>
</thead>
</table>

Incompatibilities: oxidizing agents

Hazardous Decomposition or Byproducts: carbon oxides, smoke.

SECTION VI HEALTH HAZARD INFORMATION

Recommended TLV of Product: 400 ppm

**EYE CONTACT**
- May cause eye irritation and cornea damage.

**SKIN CONTACT**
- Excessive exposure may cause skin irritation.

**INHALATION**
- Excessive inhalation of alcohol fumes may cause headache, and irritation.

**INGESTION**
- Harmful if swallowed.

**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

<table>
<thead>
<tr>
<th>CONSUMER</th>
<th>BULK HANDLING (Prolonged Exposure)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESPIRATORY PROTECTION</td>
<td>N/A If TLV is exceeded, wear NIOSH approved respirator.</td>
</tr>
<tr>
<td>VENTILATION</td>
<td>General</td>
</tr>
<tr>
<td>EYE PROTECTION</td>
<td>N/A Goggles</td>
</tr>
<tr>
<td>PROTECTIVE CLOTHING</td>
<td>N/A Rubber gloves</td>
</tr>
</tbody>
</table>

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

While Radiator Specialty Company believes this data is accurate as of the revision date, we make no warranty with respect to the data and we expressly disclaim all liability for reliance thereon. The data is offered solely for information, investigation, and verification.