Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: 2BR FORM A GASKET #2 SEALANT 3OZ
Item No: 80016
Product Type: Sealant

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Weight Percent</th>
<th>ACGIH TLV:</th>
<th>OSHA PEL:</th>
</tr>
</thead>
<tbody>
<tr>
<td>KAOLIN</td>
<td>50-60</td>
<td>2 mg/m³ dust TWA</td>
<td>15 mg/m³ dust; 5 mg/m³ respir. TWA</td>
</tr>
<tr>
<td>VEGETABLE OIL</td>
<td>15-25</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
<tr>
<td>ROSIN</td>
<td>10-20</td>
<td>sensitizer; reduce exposure to as low as possible</td>
<td>15 mg/m³ total dust; 5 mg/m³ respir. TWA</td>
</tr>
<tr>
<td>2-PROPANOL</td>
<td>10-20</td>
<td>200 ppm TWA</td>
<td>400 ppm TWA; 980 mg/m³ TWA</td>
</tr>
<tr>
<td>TITANIUM DIOXIDE</td>
<td>0.1-1.0</td>
<td>10 mg/m³ TWA ACGIH</td>
<td>15 mg/m³ TWA (total dust)</td>
</tr>
<tr>
<td>SILICA, QUARTZ</td>
<td>0.1-1.0</td>
<td>0.05 mg/m³ TWA respirable</td>
<td>0.1 mg/m³ TWA respirable</td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION

Toxicity: May cause eye, skin and respiratory irritation. Oral LD50 greater than 5000 mg/kg.
Primary Routes of Entry: Eye and skin contact, ingestion, inhalation
Signs and Symptoms of Exposure: Excessive accidental exposure may cause headache, dizziness, nausea and mild respiratory irritation. Overexposure may cause eye and skin redness.

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation: Move to fresh air in case of accidental inhalation of vapours. Oxygen or artificial respiration if needed. Obtain medical attention.
Skin Contact: Wash off with soap and water. If skin irritation persists, call a physician.
Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point (°F/C): Does not apply. Per ASTM D4359 this product is a solid.
Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.
5. FIRE FIGHTING MEASURES
Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus. Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool.
Hazardous Products of Combustion: Aldehydes, Oxides of carbon, Carboxylic acids
Unusual Fire/Explosion Hazards: Closed containers may rupture or explode when exposed to extreme heat.
Lower Explosive Limit: 2
Upper Explosive Limit: 12

6. ACCIDENTAL RELEASE MEASURES
Spill Procedures: Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal. Residues may be cleaned up with isopropyl alcohol.

7. HANDLING AND STORAGE
Storage: Store away from heat, sparks or open flame. Do not store at temperatures above 120 degrees F.
Handling: Avoid contact with skin and eyes. Do not inhale vapors. Keep container closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Eyes: Safety glasses
Skin: Rubber or plastic gloves.
Ventilation: General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.
Respiratory Protection: An approved respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES
Appearance: Black paste
Odor: Alcoholic
Boiling Point: 180 degrees F.
pH: Does not apply
Solubility in Water: Partial
Specific Gravity: 1.5
VOC Content(Wt. %): 12.7% by weight
Vapor Pressure: 33 mm Hg @ 68 degrees F.
Vapor Density (Air=1): 2.07
Evaporation Rate: 7.7 (ether = 1)

10. STABILITY AND REACTIVITY
Chemical Stability: Stable at normal conditions
Hazardous Polymerization: Will not occur.
Incompatibilities: Strong oxidizers
Conditions to Avoid: Keep away from heat, sparks and open flame. - No smoking
Hazardous Products of Combustion: Aldehydes, Oxides of carbon, Carboxylic acids

11. TOXICOLOGICAL INFORMATION
See Section 3

12. ECOLOGICAL INFORMATION
No data available

13. DISPOSAL CONSIDERATIONS
Recommended Method of Disposal: Disposal should be made in accordance with federal, state and local regulations.
US EPA Waste Number: NH - Not a RCRA Hazardous Waste Material

14. TRANSPORTATION INFORMATION
DOT (49CFR 172)
Domestic Ground Transport DOT Shipping Name: Unrestricted
Product Name: 2BR FORM A GASKET #2 SEALANT 3OZ

<table>
<thead>
<tr>
<th>Hazard Class:</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN/ID Number:</td>
<td>None</td>
</tr>
<tr>
<td>Marine Pollutant:</td>
<td>None</td>
</tr>
</tbody>
</table>

IATA

<table>
<thead>
<tr>
<th>Proper Shipping Name:</th>
<th>Not regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class or Division:</td>
<td>None</td>
</tr>
<tr>
<td>UN/NA Number:</td>
<td>None</td>
</tr>
</tbody>
</table>

IMDG

<table>
<thead>
<tr>
<th>Proper Shipping:</th>
<th>Unrestricted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard Class:</td>
<td>None</td>
</tr>
<tr>
<td>UN Number:</td>
<td>None</td>
</tr>
</tbody>
</table>

15. REGULATORY INFORMATION

SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical.

NONE

CALIFORNIA PROP 65:
No California Prop 65 chemicals are known to be present at or above the No Significant Risk Level.

TSCA Inventory Status:
Listed on Inventory: YES All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 1, REACTIVITY 0
Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 1, PHYSICAL HAZARD 0

NFPA is a registered trademark of the National Fire Protection Assn.
HMIS is a registered trademark of the National Paint and Coatings Assn.

Prepared By: Denise Boyd, Health and Safety Manager
Company: Permatex. Inc. 10 Columbus Blvd. Hartford, CT USA 06106
Revision Date: 12/15/2006
Revision Number: 5