Material Safety Data Sheet

1. PRODUCT IDENTIFICATION
Product Name: 14D THREAD SEALANT WITH PTFE 16 FL.OZ.
Item No: 80633
Product Type: Sealant

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight%</th>
<th>ACGIH TLV: TWA</th>
<th>OSHA PEL: TWA</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHANOL</td>
<td>20-40</td>
<td>1000 ppm; STEL 1000 ppm</td>
<td>1000 ppm TWA; 1900 mg/m³ TWA</td>
</tr>
<tr>
<td>TALC</td>
<td>20-40</td>
<td>2 mg/m³ respir. dust TWA 20 mppcf TWA</td>
<td></td>
</tr>
<tr>
<td>CASTOR OIL</td>
<td>20-40</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
<tr>
<td>POLYVINYL RESIN</td>
<td>5-20</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
<tr>
<td>2-PROPANOL</td>
<td>&lt;5</td>
<td>200 ppm TWA</td>
<td>400 ppm TWA; 980 mg/m³ TWA</td>
</tr>
<tr>
<td>TITANIUM DIOXIDE</td>
<td>&lt;3</td>
<td>10 mg/m³ TWA ACGIH</td>
<td>15 mg/m³ TWA (total dust)</td>
</tr>
<tr>
<td>METHANOL</td>
<td>&lt;3</td>
<td>200 ppm TWA; 262 mg/m³ TWA 200 ppm TWA; 260 mg/m³ TWA</td>
<td></td>
</tr>
<tr>
<td>POLYTETRAFLUOROETHYLENE</td>
<td>&lt;3</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION
Toxicity: May cause eye, skin and respiratory irritation. Methanol may cause blindness or death if swallowed.
Primary Routes of Entry:
Eye and skin contact, ingestion, inhalation
Excessive accidental exposure may cause headache, dizziness, nausea and mild respiratory irritation.
Overexposure may cause eye and skin redness.

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight%</th>
<th>NTP</th>
<th>ACGIH Carcinogens</th>
<th>IARC</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHANOL</td>
<td>20-40</td>
<td>male rat-some evidence, female rat-clear evidence, male mice-no evidence, female mice-no evidence</td>
<td>A4 - Not classifiable as a Human Carcinogen</td>
<td>Group 1 (drinking alcohol); Vol. 44, pg 35, 1988</td>
</tr>
<tr>
<td>TALC</td>
<td>20-40</td>
<td></td>
<td>A4 - Not classifiable as a human carcinogen</td>
<td>Group 3 Supplement 7, 1987 Monograph 42, 1987</td>
</tr>
<tr>
<td>2-PROPANOL</td>
<td>&lt;5</td>
<td></td>
<td>A4 - Not classifiable as a human carcinogen</td>
<td>Group 3 Monograph 71, 1999; Supp.7, 1987; Monograph 15, 1977</td>
</tr>
<tr>
<td>TITANIUM DIOXIDE</td>
<td>&lt;3</td>
<td>male rat-negative, female rat-negative, male mice-negative, female mice-negative</td>
<td>A4</td>
<td>Group 28; Vol 93.2006; Vol 47,1989</td>
</tr>
</tbody>
</table>

Medical Conditions Recognized as Being Aggravated by Exposure:
Preexisting eye, skin and respiratory disorders may be aggravated by overexposure to this product.

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.
4. FIRST AID MEASURES
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): 74°F TCC
Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.
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. Oxides of carbon, Fluoride compounds
Hazardous Products of Combustion: Closed containers may rupture or explode when exposed to extreme heat.

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: White paste
Odor: Alcoholic
Boiling Point: 180° F
pH: Does not apply
Solubility in Water: Partial
Specific Gravity: 1.06-1.10
VOC Content(Wt.%): 36.5%
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: Oxides of carbon, Fluoride compounds

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: D001 as per 40CFR 261.21

14. TRANSPORTATION INFORMATION
DOT (49CFR 172)
Domestic Ground Transport
- DOT Shipping Name: Consumer Commodity (Not more than five liters)
- Hazard Class: ORM-D
- UN/ID Number: None
- Marine Pollutant: None

IATA
- Proper Shipping Name: Consumer Commodity (Not more than 1 liter)
- Class or Division: Class 9
- UN/NA Number: ID 8000

IMDG
- Proper Shipping: Adhesives containing flammable liquid, Limited Quantity
- Hazard Class: Class 3 PGIII
- UN Number: UN 1133

15. REGULATORY INFORMATION
SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical.
- Methanol

CALIFORNIA PROP 65:
No California Prop 65 chemicals are known to be present.

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 3, REACTIVITY 0.
Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 3, PHYSICAL HAZARD 0

Prepared By: Denise Boyd, Health and Safety Manager
Company: Permatex. Inc. 10 Columbus Blvd. Hartford, CT USA 06106
Revision Number: 1
Revision Date: October/23/2007