Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: 3H AVIATION FORM-A-GASKET #3 .25PT
Item No: 80019
Product Type: Sealant

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Percent</th>
<th>ACGIH 8 Hr. TWA:</th>
<th>OSHA 8 Hr. TWA:</th>
</tr>
</thead>
<tbody>
<tr>
<td>VEGETABLE OIL</td>
<td>35-45</td>
<td>(400) ppm TWA; (983) mg/m3 TWA</td>
<td>400 ppm TWA; 980 mg/m3 TWA</td>
</tr>
<tr>
<td>1-PROPAN-1-OL</td>
<td>20-30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ROSIN</td>
<td>20-30</td>
<td>sensitizer; reduce exposure to as low as possible</td>
<td></td>
</tr>
<tr>
<td>SILICA, QUARTZ</td>
<td>10-20</td>
<td>0.1 mg/m3 TWA (respirable dust)</td>
<td>0.1 mg/m3 TWA (respirable dust)</td>
</tr>
<tr>
<td>Trade Secret :</td>
<td>1-10</td>
<td>Non-hazardous</td>
<td>Non-hazardous</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.

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Percent</th>
<th>NTP:</th>
<th>ACGIH Carcinogens</th>
<th>IARC:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SILICA, QUARTZ</td>
<td>10-20</td>
<td>Known Carcinogen</td>
<td></td>
<td>Group 1; Vol. 68; 1997</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: If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.
Skin Contact: Remove contaminated clothing. Wash area with soap and water. If irritation persists, seek medical attention.
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): 60 degrees F.
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.
Hazardous Products Formed by Fire or Thermal Decomposition:
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 or goggles.

**Skin:** Rubber or plastic gloves

**Ventilation:** General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits 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:** Dark brown liquid

**Odor:** Alcohol Odor

**Boiling Point (°F):** 180 degrees F.

**pH:** Does not apply

**Solubility in Water:** Partial

**Specific Gravity:** 1.1

**VOC Content(Wt. %):** 24.9% by weight; 274 g/l

**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:** Do not expose to heat or store at temperatures above 120 F.

**Hazardous Products Formed by Fire or Thermal Decomposition:** 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:** D001 as per 40CFR 261.21

14. **TRANSPORT INFORMATION**

**DOT (49CFR 172)**

**Domestic Ground Transport**

**DOT Shipping Name:** Consumer Commodity (not more than one liter)

**Hazard Class:** ORM-D

**UN/ID Number:** None
Product Name: 3H AVIATION FORM-A-GASKET #3 .25PT
Item No: 80019

Marine Pollutant: None
IATA
Proper Shipping Name: Consumer Commodity (Not more than 500 ml)
Class or Division: Class 9
UN/NA Number: ID 8000
IMDG
Proper Shipping: Resin Solution, Flammable, Limited Quantity
Hazard Class: Class 3.2
UN Number: UN 1866

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.

TSCA Inventory Status:
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: FLAMMABILITY 3, REACTIVITY 0, HEALTH 2

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

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