

ITW Permatex  
 10 Columbus Blvd.  
 Hartford, CT 06106 USA  
 Telephone: 1-87-Permatex  
 (877) 376-2839  
 Emergency: 800-255-3924 (ChemTel)  
 International Emergency: 00+ 1+ 813-248-0585

## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

**Product Name:** 3D AVIATION FORM-A-GASKET #3 SEALANT 1PT  
**Item No:** 80017  
**Product Type:** Sealant

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component:	Weight%	ACGIH; TLV-TWA	OSHA PEL
VEGETABLE OIL 68187-84-8	30-40	5 mg/m <sup>3</sup>	Not listed
ROSIN 8050-09-7	20-30	Not listed	Not listed
TALC 14807-96-6	10-20	2 mg/m <sup>3</sup>	20 mppcf
ETHANOL 64-17-5	10-20	1000 ppm	1000 ppm; 1900 mg/m <sup>3</sup>
2-PROPANOL 67-63-0	<3	200 ppm	400 ppm; 980 mg/m <sup>3</sup>
METHANOL 67-56-1	0.1-1.0	200 ppm	200 ppm; 260 mg/m <sup>3</sup>

### 3. HAZARDS IDENTIFICATION

**Toxicity:** May cause eye, skin and respiratory irritation. High concentrations may cause central nervous system (CNS) depression.  
**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.

Component:	Weight%	NTP	ACGIH Carcinogens	IARC Carcinogen
TALC 14807-96-6	10-20	male rat-some evidence, female rat-clear evidence, male mice-no evidence, female mice-no evidence	A4- Not classifiable as a human carcinogen	Group 3 Supplement 7, 1987 Monograph 42, 1987
ETHANOL 64-17-5	10-20		A4 - Not Classifiable as a Human Carcinogen	Group 1; Monograph 100E, Monograph 96 (2010)
2-PROPANOL 67-63-0	<3		A4 - Not classifiable as a human carcinogen	Group 3 Monograph 71, 1999; Supp.7, 1987; Monograph 15, 1977

**Aggravated Medical Condition:** 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 - seek medical advice. Never give anything by mouth to an unconscious person.  
**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. If symptoms persist, call a physician.  
**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°):** 60°F (15.6°C)  
**Recommended Extinguishing Media:** Carbon Dioxide, Dry Chemicals, Foam.

## 5. FIRE FIGHTING MEASURES

<b>Special Fire-Fighting Procedures:</b>	Firefighters should wear self-contained breathing apparatus. Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool.
<b>Hazardous Products of Combustion:</b>	Oxides of carbon, Aldehydes, Carboxylic acids
<b>Unusual Fire/Explosion Hazards:</b>	Closed containers may rupture or explode when exposed to extreme heat.
<b>Lower Explosive Limit:</b>	2%
<b>Upper Explosive Limit:</b>	12%

## 6. ACCIDENTAL RELEASE MEASURES

<b>Spill Procedures:</b>	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

<b>Storage:</b>	Store away from heat, sparks or open flame. Do not store at temperatures above 100°F (38°C).
<b>Handling:</b>	Do not use near heat, sparks or open flame. Avoid contact with skin and eyes. Use in a well ventilated area. Keep container closed when not in use. Wash thoroughly after handling.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Eyes:</b>	Safety glasses.
<b>Skin:</b>	Neoprene or nitrile gloves recommended.
<b>Ventilation:</b>	Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.
<b>Respiratory Protection:</b>	An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Dark brown liquid
<b>Odor:</b>	Alcohol
<b>Boiling Point:</b>	180°F
<b>pH:</b>	Does not apply
<b>Solubility in Water:</b>	Partial
<b>Specific Gravity:</b>	1.090-1.114
<b>VOC(Wt.%):</b>	19.4%
<b>Vapor Pressure:</b>	33 mm Hg @ 68°F
<b>Vapor Density (Air=1):</b>	2.07
<b>Evaporation Rate:</b>	7.7 (ether = 1)

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

See Section 3

## 12. ECOLOGICAL INFORMATION

No data available

## 13. DISPOSAL CONSIDERATIONS

<b>Recommended Method of Disposal:</b>	Disposal should be made in accordance with federal, state and local regulations.
<b>US EPA Waste Number:</b>	D001 as per 40CFR 261.21

## 14. TRANSPORTATION INFORMATION

<b>DOT (49CFR 172)</b>	
<b>U.S. Department of Transportation - DOT - 49 CFR (Ground)</b>	
<b>DOT Shipping Name:</b>	Resin Solution, Limited Quantity

**Product Name:** 3D AVIATION FORM-A-GASKET #3  
SEALANT 1PT

**Item No.** 80017

## 14. TRANSPORTATION INFORMATION

**Hazard Class:** Class 3, PG II  
**UN/ID Number:** UN 1866

### IATA (Air)

**Proper Shipping Name:** Consumer Commodity (Not more than 500 ml)  
**Class or Division:** Class 9  
**UN/ID Number:** ID 8000

### IMDG (Vessel)

**Proper Shipping Name:** Resin Solution, Flammable, Limited Quantity  
**Hazard Class:** Class 3, PG II  
**UN Number:** UN 1866

**Marine Pollutant:** None

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

NONE

**California Proposition 65:** WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm

**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:** HEALTH 2, FLAMMABILITY 3, PHYSICAL HAZARD 0

(NFPA is a registered trademark of the National Fire Protection Association)

(HMIS is a registered trademark of the National Paint and Coatings Association)

**Prepared By:** Denise Boyd, Manager-Environmental, Health & Safety  
**Company:** ITW Permatex 10 Columbus Blvd. Hartford, CT USA 06106  
**Telephone No.:** 1-87-Permatex (877) 376-2839

**Revision Date:** April 25, 2014  
**Revision Number:** 10