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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 ³	Not listed
ROSIN 8050-09-7	20-30	Not listed	Not listed
TALC 14807-96-6	10-20	2 mg/m ³	20 mppcf
ETHANOL 64-17-5	10-20	1000 ppm	1000 ppm; 1900 mg/m ³
2-PROPANOL 67-63-0	<3	200 ppm	400 ppm; 980 mg/m ³
METHANOL 67-56-1	0.1-1.0	200 ppm	200 ppm; 260 mg/m ³

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

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:	Oxides of carbon, Aldehydes, 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.
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7. HANDLING AND STORAGE

Storage:	Store away from heat, sparks or open flame. Do not store at temperatures above 100°F (38°C).
Handling:	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

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark brown liquid
Odor:	Alcohol
Boiling Point:	180°F
pH:	Does not apply
Solubility in Water:	Partial
Specific Gravity:	1.090-1.114
VOC(Wt.%):	19.4%
Vapor Pressure:	33 mm Hg @ 68°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, Aldehydes, 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. TRANSPORTATION INFORMATION

DOT (49CFR 172)	
U.S. Department of Transportation - DOT - 49 CFR (Ground)	
DOT Shipping Name:	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)

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