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## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

**Product Name:** 1A FORM-A-GASKET #1 SEALANT 1.5OZ  
**Item No:** 80001  
**Product Type:** Sealant

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Weight Percent	ACGIH TLV:	OSHA PEL:
KAOLIN 1332-58-7	50-60	2 mg/m <sup>3</sup> dust TWA	15 mg/m <sup>3</sup> dust; 5 mg/m <sup>3</sup> respir. TWA
ROSIN 8050-09-7	20-30	sensitizer; reduce exposure to as low as possible	15 mg/m <sup>3</sup> total dust; 5 mg/m <sup>3</sup> respir.
2-PROPANOL 67-63-0	10-20	200 ppm TWA	400 ppm TWA; 980 mg/m <sup>3</sup> TWA
VEGETABLE OIL 68187-84-8	3-7	Not Listed	Not Listed
TITANIUM DIOXIDE 13463-67-7	1-5	10 mg/m <sup>3</sup> TWA ACGIH	15 mg/m <sup>3</sup> TWA (total dust)
LECITHIN 8002-43-5	1-5	Not Listed	Not Listed

### 3. HAZARDS IDENTIFICATION

**Toxicity:** May cause eye, skin and respiratory irritation. Oral LD50 greater than 5000 mg/kg. This product contains encapsulated silicon dioxide (quartz silica). No exposure to free respirable silica is anticipated during normal use of this product. Silica may be released by grinding or machining of coated material. Use NIOSH-approved dust/mist respirator when grinding or machining.

**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.

Ingredient	Weight Percent	NTP	ACGIH Carcinogens	IARC
KAOLIN 1332-58-7	50-60		A4-Not classifiable as a human carcinogen	
2-PROPANOL 67-63-0	10-20		A4 - Not classifiable as a human carcinogen	Group 3 Monograph 71, 1999; Supp.7, 1987; Monograph 15, 1977
TITANIUM DIOXIDE 13463-67-7	1-5	male rat-negative, female rat-negative, male mice-negative, female mice-negative	A4	Group 2B; Vol 93,2006; Vol 47,1989

**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:** 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:**

Reddish brown paste

**Odor:**

Alcoholic

**Boiling Point:**

180 degrees F.

**pH:**

Does not apply

**Solubility in Water:**

Partial

**Specific Gravity:**

1.5

**VOC Content(Wt.%):**

14.2 % 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:**

Heat

**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:** 1A FORM-A-GASKET #1 SEALANT  
1.5OZ

**Item No:** 80001

**Hazard Class:** None  
**UN/ID Number:** None  
**Marine Pollutant:** None

**IATA**

**Proper Shipping Name:** Not regulated  
**Class or Division:** None  
**UN/NA Number:** None

**IMDG**

**Proper Shipping:** Unrestricted  
**Hazard Class:** None  
**UN Number:** None

**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:**

**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.

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