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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: 1BR 3 OZ FORM A GASKET #1 SEALANT 3 OZ.
Item No: 80008
Product Type: Sealant

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
KAOLIN 1332-58-7	40-60	2 mg/m ³	15 mg/m ³
ROSIN 8050-09-7	20-30	Not listed	Not listed
ETHANOL 64-17-5	10-30	1000 ppm	1000 ppm; 1900 mg/m ³
VEGETABLE OIL 68187-84-8	<5	5 mg/m ³	Not listed
2-PROPANOL 67-63-0	<2	200 ppm	400 ppm; 980 mg/m ³
TITANIUM DIOXIDE 13463-67-7	0.1-1.0	10 mg/m ³	15 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.
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
KAOLIN 1332-58-7	40-60		A4-Not classifiable as a human carcinogen	
ETHANOL 64-17-5	10-30		A4 - Not Classifiable as a Human Carcinogen	Group 1; Monograph 100E, Monograph 96 (2010)
2-PROPANOL 67-63-0	<2		A4 - Not classifiable as a human carcinogen	Group 3 Monograph 71, 1999; Supp.7, 1987; Monograph 15, 1977
TITANIUM DIOXIDE 13463-67-7	0.1-1.0	male rat-negative, female rat-negative, male mice-negative, female mice-negative	A4	Group 2B; Vol 93,2006; Vol 47,1989

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. Get medical attention/advice if you feel unwell.
Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
Eye Contact: In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing..

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.
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:	n/d
Upper Explosive Limit:	n/d

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.
Handling:	Avoid contact with skin and eyes. Do not inhale vapors. Wash hands before eating and smoking. Keep container closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes:	Safety glasses.
Skin:	Neoprene or nitrile gloves recommended.
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 organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Reddish brown paste
Odor:	Alcohol
Boiling Point:	>180°F
pH:	Does not apply
Solubility in Water:	Soluble
Specific Gravity:	1.4-1.5
VOC(Wt.%):	13.5%
Vapor Pressure:	33 mmHg @ 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
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:	NH - Not a RCRA Hazardous Waste Material

14. TRANSPORTATION INFORMATION

DOT (49CFR 172)

Product Name: 1BR 3 OZ FORM A GASKET #1 SEALANT 3 OZ.

Item No. 80008

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation - DOT - 49 CFR (Ground)

DOT Shipping Name: Not regulated
Hazard Class: None
UN/ID Number: None

IATA (Air)

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

IMDG (Vessel)

Proper Shipping Name: Not regulated
Hazard Class: None
UN Number: None

Marine Pollutant: None

15. REGULATORY INFORMATION

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 1, REACTIVITY 0.

Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 1, 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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