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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: 26BR HIGH TEMP RTV RED SILICONE GASKET MAKER 3 OZ
 Item No: 81160
 Product Type: Silicone

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Weight Percent	ACGIH TLV:	OSHA PEL:
POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED 70131-67-8	>60	Not Listed	Not Listed
AMORPHOUS SILICA 7631-86-9	5-15	10 mg/m ³ TWA	6 mg/m ³ TWA
TITANIUM DIOXIDE 13463-67-7	1-10	10 mg/m ³ TWA ACGIH	15 mg/m ³ TWA (total dust)
DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE 64742-46-7	1-10	5 mg/m ³ TWA (oil mist)	5 mg/m ³ PEL (oil mist)
IRON OXIDE 1309-37-1	1-10	5 mg/m ³ TWA (dust and fume, as Fe)	10 mg/m ³ TWA
POLYDIMETHYLSILOXANE 63148-62-9	1-10	Not Listed	Not Listed
ETHYLTRIACETOXSILANE 17689-77-9	1-10	Not Listed	Not Listed
METHYLTRIACETOXSILANE 4253-34-3	1-10	Not Listed	Not Listed
ACETIC ACID 64-19-7	****	10 ppm TWA; 25 mg/m ³ TWA	10 ppm TWA; 25 mg/m ³ TWA

3. HAZARDS IDENTIFICATION

Toxicity: May cause eye and skin irritation. May irritate lips, gums, tongue, mouth, nose and throat. ****When this product is exposed to moisture, acetic acid may be formed. May irritate respiratory system upon frequent or prolonged use. Note: This product does not contain microcrystalline silica.

Primary Routes of Entry: Eye and skin contact, ingestion, inhalation.

Signs and Symptoms of Exposure: Acetic acid produced during curing irritates eyes, nose and throat.

Ingredient	Weight Percent	NTP	ACGIH Carcinogens	IARC
AMORPHOUS SILICA 7631-86-9	5-15			Group 3 Monograph 68, 1997
TITANIUM DIOXIDE 13463-67-7	1-10	male rat-negative, female rat-negative, male mice-negative, female mice-negative	A4	Group 3; Vol 47, pg 307, 1989
IRON OXIDE 1309-37-1	1-10		A4 - Not Classifiable	Group 3, Supplement 7 1987; Monograph 1 1972

Medical Conditions Recognized as Being Aggravated by Exposure: Methyltriacetoxysilane: Eye, skin and pulmonary disorders.

4. FIRST AID MEASURES

Ingestion: Rinse mouth. If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation: Move to fresh air in case of accidental inhalation of vapors. Oxygen or artificial respiration if needed. Obtain medical attention.
Skin Contact: Wipe off paste with paper towel or cloth 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):

Recommended Extinguishing Media:

Special Fire-Fighting Procedures:

Hazardous Products of Combustion:

Unusual Fire/Explosion Hazards:

More than 200 degrees F. Method: Tag Closed Cup

Carbon Dioxide, Dry Chemicals, Foam.

Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool.

Acetic acid, Formaldehyde, Silica fume, Oxides of nitrogen, Oxides of carbon, Oxides of sulfur, Metal oxide fumes

None

Lower Explosive Limit:

Upper Explosive Limit:

Acetic acid: 4%

Acetic acid: 19.9% @ 200 degrees F.

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures:

Wipe or scrape up spill material. Maintain good ventilation for large spills. Place scrap material in a well-ventilated area and allow to cure to rubber. Clean up spills thoroughly as residue is slippery.

7. HANDLING AND STORAGE

Storage:

Handling:

Store away from water or moisture. Keep away from oxidizers.

Avoid contact with skin and eyes. Do not wear contact lenses. Use only in a well ventilated area. Do not take internally.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes:

Skin:

Ventilation:

Respiratory Protection:

Safety glasses.

Neoprene, rubber or butyl rubber gloves.

General ventilation is usually adequate.

Not required under normal use. An approved respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

Comments:

When heated to temperatures above 300 degrees F. in the presence of air, this product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard and a known skin and respiratory sensitizer. Safe handling conditions may be maintained by keeping vapor concentrations below the OSHA permissible limit for formaldehyde.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Odor:

Boiling Point:

pH:

Solubility in Water:

Specific Gravity:

VOC Content(Wt.%):

Vapor Pressure:

Vapor Density (Air=1):

Evaporation Rate:

Red paste

Acetic acid

Not applicable, polymeric material

Does not apply

Polymerized

1.0

4.8% by weight; 0.42 lb/gal; 50.48 g/l

10 mm Hg @ 80 degrees F.

Not Determined

Not Determined

10. STABILITY AND REACTIVITY

Chemical Stability:

Hazardous Polymerization:

Incompatibilities:

Conditions to Avoid:

Hazardous Products of Combustion:

Stable at normal conditions

Will not occur

Polymerized by contact with moisture. Acetic acid liberated.

Exposure to moisture

Acetic acid, Formaldehyde, Silica fume, Oxides of nitrogen, Oxides of carbon, Oxides of sulfur, Metal oxide fumes.

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.

Product name: 26BR HIGH TEMP RTV RED SILICONE
GASKET MAKER 3 OZ

Item No: 81160

US EPA Waste Number: NH - Not a RCRA Hazardous Waste Material

14. TRANSPORTATION INFORMATION

DOT (49CFR 172)

Domestic Ground Transport

DOT Shipping Name:	Unrestricted
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.

SARA 313 Information
NONE

CALIFORNIA PROP 65:
No California Prop 65 chemicals are known to be present at or above the No Significant Risk Level.

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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