

Permatex, Inc.
10 Columbus Blvd.
Hartford, CT 06106 USA
Telephone: 1-87-Permatex
(877) 376-2839
Emergency: 800-255-3924

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
ETHYLTRIACETOXYSLANE 17689-77-9	1-10	Not Listed	Not Listed
METHYLTRIACETOXYSLANE 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 microcystalline silica.

Primary Routes of Entry:

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 Methyltriacetoxysilane: Eye, skin and pulmonary disorders.

Being Aggravated by Exposure:

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:

Acetic acid: 4%

Upper Explosive Limit:

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:

Store away from water or moisture Keep away from oxidizers.

Handling:

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:

Safety glasses.

Skin:

Neoprene, rubber or butyl rubber gloves.

Ventilation:

General ventilation is usually adequate.

Respiratory Protection:

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:

Red paste

Odor:

Acetic acid

Boiling Point:

Not applicable, polymeric material

pH:

Does not apply

Solubility in Water:

Polymerized

Specific Gravity:

1.0

VOC Content(Wt.%):

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

Vapor Pressure:

10 mm Hg @ 80 degrees F.

Vapor Density (Air=1):

Not Determined

Evaporation Rate:

Not Determined

10. STABILITY AND REACTIVITY

Chemical Stability:

Stable at normal conditions

Hazardous Polymerization:

Will not occur

Incompatibilities:

Polymerized by contact with moisture. Acetic acid liberated.

Conditions to Avoid:

Exposure to moisture

Hazardous Products of Combustion:

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.

Prepared By: Denise Boyd, Health and Safety Manager **Revision Date:** 08/08/2005
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Telephone No.: 1-87-Permatex (877) 376-2839