

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

SAFETY DATA SHEET

according to EC Directive 2001/58/EC

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the preparation **27BR SENSOR SAFE HI TEMP SILICONE RTV 3 OZ**
Item **81422**
Recommended use **Silicone elastomer**

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percent	EC Number	Risk Phrases	Exposure limits
POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED 70131-67-8	>60	Not determined	Not Determined	Not listed
AMORPHOUS SILICA 7631-86-9	10-30	231-545-4	Not Determined	10 mg/m ³ TWA ACGIH
POLYDIMETHYLSILOXANE 63148-62-9	1-10	Not determined	Not Determined	Not listed
METHYLTRIACTOXYLANE 4253-34-3	1-10	224-221-9	Not Determined	Not listed
ETHYLTRIACTOXYLANE 17689-77-9	1-10	241-677-4	Not Determined	Not listed

3. HAZARDS IDENTIFICATION

Classification Xi - Irritant
Most Important Hazards: Irritating to eyes and skin. Irritating to mouth, throat and stomach. When heated to temperatures above 150C 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 permissible limit for formaldehyde.. ****When this product is exposed to moisture, 1-3% acetic acid may be formed..

4. FIRST-AID MEASURES

General advice: If you feel unwell, seek medical advice (show the label where possible)
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 with soap and water. Seek medical attention if irritation persists..
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.
Ingestion: Rinse mouth If swallowed, observe victim for 24 hours; seek medical attention if indicated.
Protection of first-aiders Avoid contact with skin, eyes and clothing.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: carbon dioxide (CO2), dry chemical, foam.
Extinguishing media which must not be used for safety reasons None reasonably foreseeable
Special instructions for protection and hygiene No hazards to be especially mentioned.
Special protective equipment for firefighters Use personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: For additional information on processing see sections 7, 8 and 11 of this safety data sheet
Environmental Precautions: Do not flush into surface water or sanitary sewer system
Methods for Cleaning Up: Scrape up. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Slippery, can cause falls if walked on.

7. HANDLING AND STORAGE

Safe handling advice Avoid breathing vapors or mists. Avoid contact with the skin and the eyes. Wash hands before breaks and immediately after handling the product.
Storage Store in cool place Keep containers dry and tightly closed to avoid moisture absorption and contamination

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation: Provide adequate ventilation
Respiratory Protection: not required under normal use. In case of insufficient ventilation, wear suitable respiratory equipment.
Skin: Rubber or plastic gloves
Eyes: Safety glasses.
Hygiene Measures: When using, do not eat, drink or smoke

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Red paste
Odor: Acetic acid
pH: Does not apply
Boiling point/range Not applicable, polymerization
Melting point/range not determined
Flash point >95°C
risk of explosion None reasonably foreseeable.
vapor pressure <5 mm Hg
Density: 1.05
Solubility: polymerization
Partition coefficient (n-octanol/water) not determined
vapor density >1 (Air = 1)
Evaporation Rate: Not determined
VOC Content(%) not determined

10. STABILITY/REACTIVITY

Stability Stable at normal conditions
Conditions to Avoid: Exposure to moisture
Materials to Avoid: Water. Polymerization can occur
Hazardous decomposition products Ethyl methyl ketone, methyl ethyl ketoxime, formaldehyde, nitrogen oxides (NOx), carbon oxides

11. TOXICOLOGICAL INFORMATION

Ingredients	Percent	LD50:	LC 50 (mg/l)
POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED 70131-67-8	>60	Oral rat Greater than 40,000 mg/kg	inhal rat greater than 535 mg/l
METHYLTRIACTOXSILANE 4253-34-3	1-10	oral rat 2060 mg/kk	

Local Effects

Skin Irritation: May cause skin irritation and/or dermatitis May cause allergic skin reaction
Eye Irritation: Irritating, but will not permanently injure eye tissue
Inhalation May cause irritation of respiratory tract May cause irritation of the mucous membranes Thermal decomposition can lead to release of irritating gases and vapors Note: This product does not contain microcrystalline silica.
Ingestion: Irritating to mouth, throat and stomach
Sensitization: May cause sensitization of susceptible persons by skin contact
Chronic Toxicity: None reasonably foreseeable

Specific Effects

carcinogenic effects None reasonably foreseeable
mutagenic effects None reasonably foreseeable
Reproductive toxicity None reasonably foreseeable
Target Organ Effects: Eyes, Skin, Gastrointestinal Tract, Respiratory System

12 ECOLOGICAL INFORMATION

Ecotoxicity: No information available

13. DISPOSAL CONSIDERATIONS

Waste from Residues: According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

14. TRANSPORT INFORMATION

IATA

Proper Shipping Name:	not regulated
Hazard Class	Not applicable
UN/ID No	Not applicable

IMDG

Proper shipping name	Not applicable
Hazard Class	Not applicable
UN/ID No	Not applicable

15. REGULATORY INFORMATION

The product is classified in accordance with Annex VI to Directive 67/548/EEC.

Indication of Danger:

Xi - Irritant

R -phrase(s)

- R36/37/38 - Irritating to eyes, respiratory system and skin

S -phrase(s)

- S 2 - Keep out of the reach of children
- S25 - Avoid contact with eyes
- S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

16. OTHER INFORMATION

Text of R phrases mentioned in Section 2

None

Prepared By: Denise Boyd, Health and Safety Manager
Company: Permatex. Inc. 10 Columbus Blvd. Hartford, CT
USA 06106
Telephone 877-376-2839

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