

Permatex Europe
 Unit 3, Express Park,
 Shipton Way, Northampton Road,
 Rushden, Northamptonshire
 NN10 6GK UK
 Ph: 0870 4589545

SAFETY DATA SHEET
 according to REACH regulation 1907/2006

1. IDENTIFICATION OF THE PREPARATION

Identification of the preparation: **16BR BLACK SILICONE ADHESIVE SEALANT 3 OZ**
 Item No: **81158**
 Recommended use: **Silicone elastomer**

2. HAZARDS IDENTIFICATION

Classification: Xn - Harmful
Most Important Hazards: Suspect cancer hazard - risk of cancer depends on duration and level of exposure. May cause allergic skin reaction. When this product is exposed to moisture, butanone oxime may be formed. When produced during curing, may cause irritation to eyes, nose and throat. Overexposure may cause eye and skin redness. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	EC Number	EU Classification
POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED 70131-67-8	30-50	Not determined	None
LIMESTONE 1317-65-3	20-40	215-279-6	None
CALCIUM CARBONATE 471-34-1	15-40	207-439-9	None
POLYBUTYLENE RESIN 9003-29-6	5-20	500-004-7	None
VINYL OXIMINOSILANE 2224-33-1	<5	218-747-8	None
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT 64742-47-8	<5	265-149-8	F:R10 Xn;R65 Xi:R38 N;R51/53
CARBON BLACK 1333-86-4	<3	215-609-9	None
2-BUTANONE OXIME 96-29-7	0.5-2.0	202-496-6	Carc.3:R40 Xn:R21 Xi:R41,43

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 vapours. Obtain medical attention.
Skin Contact: Wipe off material with paper towel or cloth. Wash off with soap and water. If skin irritation persists, call a physician.

4. FIRST-AID MEASURES

Eye Contact: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Ingestion: Rinse mouth. If swallowed, seek medical advice immediately and show this container or label.

Protection of first-aiders: Use personal protective equipment. Avoid contact with skin, eyes and clothing.

Notes to Physician: Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy

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: Thermal decomposition can lead to release of irritating gases and vapours.

Special protective equipment for firefighters: Use personal protective equipment. Avoid contact with skin and eyes.

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.

Cleanup: 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

Handling precautions: 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

Component	ACGIH; TLV-TWA	German MAK; TWA	UK WEL; TWA	Finnish OEL; HTP
POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED 70131-67-8	Not listed	Not listed	Not listed	Not listed

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Component	ACGIH; TLV-TWA	German MAK; TWA	UK WEL; TWA	Finnish OEL; HTP
LIMESTONE 1317-65-3	Not listed	Not listed	10 mg/m ³	Not listed
CALCIUM CARBONATE 471-34-1	10 mg/m ³	Not listed	Not listed	Not listed
POLYBUTYLENE RESIN 9003-29-6	Not listed	Not listed	Not listed	Not listed
VINYL OXIMINOSILANE 2224-33-1	Not listed	Not listed	Not listed	Not listed
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT 64742-47-8	Not listed	Not listed	Not listed	Not listed
CARBON BLACK 1333-86-4	3.5 mg/m ³	Not listed	3.5 mg/m ³	8h: 3.5 mg/m ³ ; 15min: 7 mg/m ³
2-BUTANONE OXIME 96-29-7	Not listed	Not listed	Not listed	Not listed

Ventilation: Provide adequate ventilation .
Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.
Skin: Neoprene or nitrile gloves recommended.
Eyes: Safety glasses
Hygiene Measures: When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Black paste
Odor: Mild
pH: Does not apply
Boiling point/range: Not applicable polymerization
Melting point: Not determined
Flash point: >95°C (200°F).
Risk of explosion: None reasonably foreseeable.
Vapor pressure: <5 mm Hg
Density: 1.36
Solubility in water: polymerization
Partition coefficient (n-octanol/water): Not determined
Vapor density: >1 (Air = 1)
Evaporation Rate: Not determined
VOC Content(%): <4%

10. STABILITY/REACTIVITY

Stability: Stable under normal conditions.
Conditions to Avoid: Exposure to moisture.
Materials to avoid: Polymerization can occur, Strong oxidizing agents, Water, Acids
Hazardous decomposition products: Ethyl methyl ketone, methyl ethyl ketoxime , formaldehyde, nitrogen oxides (NOx), Carbon oxides

11. TOXICOLOGICAL INFORMATION

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat
POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED 70131-67-8	30-50	>40,000 mg/kg	>535 mg/l

11. TOXICOLOGICAL INFORMATION

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat
LIMESTONE 1317-65-3	20-40	>5000 mg/kg	
CALCIUM CARBONATE 471-34-1	15-40	6450 mg/kg	
POLYBUTYLENE RESIN 9003-29-6	5-20	>34600 mg/kg	4820 mg/m ³ /4h
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT 64742-47-8	<5	>5 g/kg	>5.2 mg/L/4H
CARBON BLACK 1333-86-4	<3	>15400 mg/kg	
2-BUTANONE OXIME 96-29-7	0.5-2.0	930 mg/kg	20 mg/L/4H

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 the mucous membranes. Exposure to decomposition products may be a hazard to health.

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:

May form formaldehyde at high temperatures.

Mutagenic effects:

None reasonably foreseeable.

Reproductive toxicity:

None reasonably foreseeable

Target Organ Effects:

Eyes, Skin, Respiratory System, Gastrointestinal Tract

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.

RoHS/WEEE:

This product is in compliance with EU Directive 2002/95/EC Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) and EU Directive 2002/96/EC Restriction on waste electrical and electronic equipment (WEEE).

14. TRANSPORT INFORMATION

IATA

Proper Shipping Name: Not regulated

Hazard Class: Not applicable

UN/ID No: Not applicable

IMDG

Proper shipping name: Not regulated

Hazard Class: Not applicable

UN/ID No: Not applicable

Marine Pollutant: None

ADR/RID

Proper Shipping Name: Not regulated

Product Name: 16BR BLACK SILICONE ADHESIVE
SEALANT 3 OZ

Item No: 81158

14. TRANSPORT INFORMATION

Hazard Class: Not applicable
UN/ID No: None

15. REGULATORY INFORMATION

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

Indication of Danger:

Xn - Harmful

Names of the ingredients given on the warning label:

2-butanone oxime

R -phrase(s):

R40 - Limited evidence of a carcinogenic effect

R43 - May cause sensitization by skin contact

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S -phrase(s):

S 2 - Keep out of the reach of children

S24/25 - Avoid contact with skin and eyes

S36/37 - Wear suitable protective clothing and gloves

S61 - Avoid release to the environment. Refer to special instructions/safety data sheets

16. OTHER INFORMATION

Risk Phrases mentioned in Section 2:

R10 - Flammable.

R21 -Harmful in contact with skin.

R38 - Irritating to skin.

R40 - Limited evidence of a carcinogenic effect

R41 - Risk of serious damage to eyes.

R43 - May cause sensitization by skin contact.

R65 - Harmful: may cause lung damage if swallowed.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Prepared By: Denise Boyd, Manager-
Environmental, Health & Safety

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Company: Permatex, Inc. 10 Columbus
Blvd. Hartford, CT USA 06106

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Telephone: 877-376-2839