

Bostik Super Gasket

SAFETY DATA SHEET

1. IDENTIFICATION

1.1. Product identifier

Product name Bostik Super Gasket
Chemical family Neutral curing (oxime) silicone sealant

1.2. Intended use of the product

Silicone sealant that can replace preformed gaskets

1.3. Name, address, and telephone of the responsible party

Company Permoseal (PTY) Ltd
Address 1 Beverley Close, Montague Gardens, 7441, Cape Town, South Africa
Phone +27-21-555-7400
Toll-free No. 0800-222-400
Website www.bostik.co.za

1.4. Emergency phone number

+27-21-555-7400

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

GHS Classification This product is hazardous

2.2. Label elements

GHS Labelling

- This product is classified and labelled according to the CLP regulation.
- Hazard pictogram:



GHS08

2.3. Signal word Warning

2.4. Hazard determining components of labelling:

2-butanone oxime (MEKO)

2.5. Hazard statements

H312 Harmful in contact with skin
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H351 Suspected of causing cancer

2.6. Precautionary statements

P102 Keep out of reach of children
P280 Wear protective gloves / protective clothing / eye protection
P302+P352 If on skin: Wash with plenty of soap and water.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P333+P313 If skin irritation or rash occurs: Seek medical attention.
P405 Store locked up.
P501 Dispose of contents/containers in accordance with national regulations

2.7 Other Hazards

During the use of this product, 2-butanone ketoxime (methyl ethyl ketoxime, MEKO, CAS No. 96-29-7) is generated, which evaporates. 2-butanone oxime is classified as a health risk.

a. Unknown acute toxicity

No data available

3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixture.

Ingredients	CAS Number	Content (%)	Classification of Substance
2-Butanone oxime (MEKO)	96-29-7	<2.0	Skin sens.: Cat 1 Eye dam.: Cat 1 Carc: Cat 2 Flam liq.: Cat 3 Acute tox: Cat 4
Methyl-O,O',O"-butan-2-on-trioximo-silane	22984-54-9	<5.0	Eye irrit: Cat 2 Skin irrit.: Cat 2 Acute tox.: Cat 4

4. FIRST- AID MEASURES

4.1. Description of first aid measures

General	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.
Inhalation	Take the person into the fresh air. Seek medical advice.
Skin contact	Wash skin with mild soap and water. Seek medical attention if irritation persists.
Eye contact	Rinse cautiously with water for 15 minutes. Remove any contact lenses if present and easy to do. Continue rinsing. Obtain medical attention.
Ingestion	Rinse mouth. Do not induce vomiting. Obtain medical attention.

4.2. Most important symptoms and effects both acute and delayed

General	May cause irritation. This product releases 2-butanone oxime while it cures. Once cured, product is not expected to cause any irritation.
Inhalation	Harmful by inhalation in the uncured state.
Skin contact	May cause skin irritation in the uncured state.
Eye contact	May cause eye irritation in the uncured state.
Ingestion	Harmful if swallowed.

4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically
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5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media	Water, dry chemical powder, foam, carbon dioxide and sand
Unsuitable ext.media	Not applicable

5.2. Special hazards arising from the substance or mixture

Fire hazard	Product is not flammable.
Explosion hazard	Flammable vapours may form explosive mixture with air.

5.3. Advice for firefighters

Firefighting instructions	Exercise caution when fighting any chemical fire.
Protection during firefighting	Firefighters should wear full protective gear. Do not enter fire area without proper protective equipment, including respiratory protection.
Hazardous combustion products	Under certain conditions of combustion, traces of toxic substances cannot be excluded.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

General measures Do not get in eyes or skin, or on clothing. Avoid inhaling mists and vapours.

6.2. For non-emergency personnel

Protective equipment Use appropriate personal protection equipment (PPE)

Emergency procedures Evacuate unnecessary personnel.

6.3. For emergency personnel

Protective equipment Use appropriate personal protection equipment (PPE)

Emergency procedures Secure the area and evacuate unnecessary personnel.

6.4. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.5. Methods and materials for containment and cleaning up

For containment Prevent further spillage

Methods for cleaning up If recovery is not feasible, absorb with inert material. Place in a container suitable for disposal.

Dispose of in accordance with current local legislation.

6.6. Reference to other sections

Refer to Section 8, Exposure controls and personal protection

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling temperature Normal ambient temperature

Hygiene measures Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating or drinking.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions Store in a dry, cool and well-ventilated place away from heat, sparks, open flames and any other ignition sources.. Keep container closed when not in use.

Incompatible materials Do not store with oxidizing agents.

Maximum storage period 12 months, but may vary depending on storage conditions.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1. Control parameters

Ingredients	CAS Number	Content
Methyl ethyl ketoxime (product of hydrolysis)	96-29-7	3ppm max TWA

8.2. Exposure controls

Engineering controls Provide good ventilation when handling large quantities. No special measures are required if handled as above. Suitable respiratory protection should be worn if the product is used in large quantities, confined or poorly ventilated spaces where the OEL may be exceeded.

Hand protection Rubber gloves should be used if there is a risk of direct contact onto skin

Eye protection Safety glasses

Skin and body protection Not required

Respiratory protection Not required under normal conditions of use in a well-ventilated space

Other information When using, do not eat or drink

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Black paste

Odour Characteristic

Density (g/cm³) Approximately 1.07

Ignition temperature (°C) Approximately 410

Solubility in water Insoluble

10. STABILITY AND REACTIVITY

Reactivity	None expected under normal conditions.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None expected under normal conditions.
Conditions to avoid	Direct sunlight. Extremely high or low temperatures. Moisture
Incompatible materials	Oxidising agents. Reacts with water, basic substances and alcohols.
Hazardous decomposition products	By hydrolysis, 2-butanone oxime. At a temperature of approximately 150°C, a small amount of formaldehyde can be released by oxidative degradation. Thermal decomposition releases carbon oxides, nitrogen oxides and silicone oxides.

11. TOXICOLOGICAL INFORMATION

This product has not undergone any toxicological testing. Acute and chronic health effects are not expected as long as good hygiene and safety precautions are followed.

Further Toxicological information

Under hydrolysis, 2-butanone oxime (MEKO, CAS 96-29-7) is a dermal sensitizer and strongly irritating to the eyes. It is rapidly absorbed from the gastrointestinal tract, upon contact with skin and after inhalation.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

This product has not been tested for environmental effects. Based on its components, this product is unlikely to result in any detrimental ecological effects.

Further ecological information

The silicone content is biologically not degradable. The product of hydrolysis (2-butanone oxime) and organic solvents are readily biodegradable. Bioaccumulation is not expected to occur. Mobility in soil – polymer component is insoluble in water.

13. DISPOSABLE CONSIDERATIONS

Sewage disposal recommendations	Do not dispose waste into sewer.
Waste disposal recommendations	Whatever cannot be saved for recovery or recycling should be disposed of in accordance with current local legislation

14. TRANSPORT INFORMATION

Road / rail transport	ADR / RID	Not regulated
Marine Transport	IMDG	Not regulated
Inland waterways	ADNR	Not regulated
Air transport	IATA	Not regulated

15. REGULATORY INFORMATION

15.1 Labelling	Refer to section 2
15.2 National legislation	None

16. OTHER INFORMATION

16.1 Information sources

This SDS is prepared based on the information received from the suppliers

16.2 Full text of H-phrases referred to under Section 3

H312	Harmful in contact with skin
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H351	Suspected of causing cancer

16.3 Additional information

This document has been prepared in accordance with the SDS requirements of SANS 11014:2010

For intended use and applications see the Technical Data Sheet for the product. The information provided in this Safety Data Sheet is based on the present state of our knowledge. This data is intended to enable safety assessments to be made and should not be construed as guaranteeing specific properties. Recipients of our product must take responsibility for observing existing laws and regulations.

Revision date

November 2016