

Bostik Marine

SAFETY DATA SHEET

1. IDENTIFICATION

1.1. Product identifier

Product name Bostik Marine
Chemical family Acetoxy curing silicone sealant

1.2. Intended use of the product

Silicone sealant for heavy duty marine work

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 not hazardous

2.2. Label elements

GHS Labelling No labelling applicable

2.3. Other Hazards

May cause moderate irritation.

2.4. Unknown acute toxicity

No data available

3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixture. This product is not hazardous.

Ingredients	CAS Number	Percentage	Classification of Substance
Hydro-treated middle petroleum distillates	64742-46-7	<25 %	Aspiration hazard : Category 1 – H304
Ethyltriacetoxysilane	17689-77-9	1 – 5 %	Skin corrosion: Category 1B – H314
Methyltriacetoxysilane	4253-34-3	1 – 5 %	Acute toxicity: Category 4 – H302

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 in the uncured state. This product releases acetic acid while it cures. Once cured, product is not expected to cause any irritation.
Inhalation	None expected under normal conditions of use.
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 or sand
Unsuitable ext.media	Not applicable.

5.2. Special hazards arising from the substance or mixture

Fire hazard	Not flammable
Explosion hazard	Product is not explosive.

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.
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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. 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	Percentage
Hydro-treated middle petroleum distillates	64742-46-7	10mg/m ³ STEL Oil Mist, mineral 5mg/m ³ TWA Oil Mist, mineral
Acetic acid	64-19-7	10ppm TWA 15ppm STEL

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 Clear paste
Odour Characteristic - acetic acid
Density (g/cm³) Approximately 0.98
pH Approximately 4
Ignition temperature (°C) Approximately 400
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.
Incompatible materials Oxidising material can cause a reaction. Reacts with water, basic substances and alcohols. Reaction causes the formation of acetic acid.
Hazardous decomposition products By hydrolysis, acetic acid. At a temperature of approximately 150°C, a small amount of formaldehyde can be released by oxidative degradation. Thermal decomposition releases carbon monoxide, carbon dioxide, silicone dioxide and formaldehyde.

