

Material Safety Data Sheet

Revision Date 4-April-2023
MSDS No.:22-01-09

TYPE: PB7 20ml

SECTION1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: Silicone Sealant / Gasket Maker

Product Use: general Sealant

Company Name: AQH Import and Export (Pty) Ltd T/A Prime-Bond.

Address: 111 Nicolas Smit Avenue, Monument, Krugersdorp, South Africa

Tel: 082 384 4256

Email: sales@aqhimportandexport.com

SECTION2 HAZARDS IDENTIFICATION

Hazards Identification:

Classification according to GHS

Acute toxicity (inhalation): Category 4

Skin corrosion/irritation: Category 2

Serious eye damage/eye irritation: Category 1

Skin sensitization: Category 1

Specific target organ toxicity- single exposure: Category 3 (respiratory tract irritation)

Specific target organ toxicity repeated exposure: Category 2 (respiratory organ)

Hazardous to the aquatic environment -acute hazard: category 3 Hazardous

to the aquatic environment chronic hazard: Category 3

The hazards not mentioned are not applicable or no data available.

Emergency Overview:

Harmful if inhaled.

Causes skin irritation.

Causes serious eye damage.

May cause an allergic skin reaction.

May cause respiratory irritation.

May cause damage to respiratory organs through prolonged or repeated exposure.

Harmful to aquatic life with long lasting effects.

SECTION3 INFORMATION ON INGREDIENTS

Product name: ThreadLocker /
Anaerobic Screw Locker / Adhesive

Ingredient	Concentration	CAS No	EC No
4,4-Isopropylidenediphenyl dimethacrylate	50-65%	3253-39-2	221-846-9
Hydroxypropyl methacrylate	30-35%	27813-02-1	248-666-3
1, 2-Benzisothiazol-1-one 1,1dioxide	3-5%	81-07-2	201-321-0
Modified silicon dioxide	5-10%	68611-44-9	272-489-0
α , α -Dimethyl benzyl hydroperoxide	1-3%	80-15-9	201-254-7
Propylene glycol	3-5%	57-55-6	200-338-0

SECTION4 FIRST-AID MEASURES

Skin exposure:

In case of contact, wash skin with soap and copious amounts of water. If irritation persists, call a physician

Eye Exposure:

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician, immediately

Inhalation Exposure:

If breathing is difficult, give oxygen.

Oral exposure:

If victim is conscious, wash out mouth with water. Get medical aid immediately.

SECTION5 FIRE FIGHTING MEASURES

Extinguishing Media:

Suitable: Water spray, Dry chemical, Carbon dioxide or appropriate foam.

Firefighting:

Special Hazards: May release Carbon Oxides, Nitrogen Oxides and Silicon Dioxide under fire conditions
Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION6 ACCIDENTAL RELEASE MEASURES

Procedure of Personal Precaution:

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation

Methods for Cleaning up:

Mix with inert material (e.g. dry sand, vermiculite) and transfer to sealed container for disposal. Avoid raising dust Ventilate area and wash spill site after material pickup is complete.

SECTION7 HANDLING AND STORAGE

Handling:

Wear appropriate protective clothing and safety gloves. Avoid inhalation. Do not contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Mechanical exhaust required. Keep away from ignition sources, heat and flame. Incompatibilities: Strong oxidizing agents, Acids, Bases, Peroxides. No smoking at working site.

Storage:

Keep away from heat, sparks and flame. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Incompatible: Strong oxidizing agents, strong reducing agents, strong acids, strong bases, powdered metals and organic materials

SECTION8 EXPOSURE CONTROL/PPE

Engineering Controls:

Safety shower and eye bath. Mechanical exhaust required.

Personal Protective Equipment:

Respiratory: Government approved respirator if needed.

Eye: Chemical safety goggles.

Clothing: Wear appropriate protective clothing.

Hand: Safety gloves.

Other protect:

No smoking, drinking and eating at working site. Wash thoroughly after handling.

SECTION9 PHYSICAL/CHEMICAL PROPERTIES

Appearance: Vermilion viscous liquid

Odor: Weak odor

Flash point

>95.0°C

(Closed Cup)/°C:

pH Value:

6.0 (25°C,50.0g/L)

Solubility: Slightly soluble in water

SECTION10 STABILITY AND REACTIVITY

Stability:

Stable under normal temperatures and pressures.

Materials to Avoid:

Strong oxidizing agents, strong reducing agents, strong acids, strong bases, powdered metals and organic materials.

Hazardous Polymerization:

Will not occur.

Hazardous Decomposition Products:

Carbon Oxides, Nitrogen Oxides and Silicon Dioxide.

SECTION11 TOXICOLOGICAL INFORMATION

Acute toxicity:

1. 2-Benzisothiazol-3 (2H)-one 1, 1-dioxide

Mouse Oral LD₅₀: 17 g/kg a, a-Dimethy

lbenzy l hydroperoxide:

Rat Oral LD₅₀: 382 mg/kg; Rat Inhalation LC₅₀: 220 ppm/4H; Rat Dermal LD₅₀:500 mg/kg.

Propylene glycol:

Rat Oral LD₅₀: 20 g/kg; Rabbit Dermal LD₅₀: 20800 mg/kg.

Skin corrosion/irritation:

Causes skin irritation.

Causes serious eye damage.

Respiratory or skin sensitization:

May cause an allergic skin reaction.

Specific target organ toxicity single exposure: May cause respiratory irritation.

Specific target organ toxicity -repeated exposure:

May cause damage to respiratory organs through prolonged or repeated exposure.

SECTION12 ECOLOGICAL INFORMATION**Toxicity:**

α,α -Dime thybenzyl hydroperoxide:

Toxicity to fish: LC50- Oncorhynchus mykiss (rainbow trout)-3.9 mg/l-96 h Toxicity to

daphnia and other aquatic invertebrates: LC50-Daphnia magna (Water flea)-16 mg/l-24h Propylene glycol:

Toxicity to fish: mortality NOEC-Pimephales promelas(fatheadminnow)52930 mg/L-96 h

Toxicity to daphnia and other aquatic invertebrates: mortality NOEC -

Daphnia-13020 mg/L-48 h.

EC50-Daphnia magna (Water flea)->410000 mg/l-48h.

Persistence and degradability:

No data available.

Bioaccumulate:

No data available.

SECTION13 DISPOSAL CONSIDERATION**Appropriate Method of Disposal of Substance:**

Contact a licensed professional waste disposal service to dispose of this material.

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with and afterburner and scrubber. Observe all federal, state, and local environmental regulations.

SECTION14 TRANSPORT INFORMATION

RID/ADR: This substance is considered to be non-hazardous for transport.

IATA: This substance is considered to be non-hazardous for transport.

IMO: This substance is considered to be non-hazardous for transport.

SECTION15 REGULATORY INFORMATION

Classifications according to Regulation (EC)No 1272/2008 and amendments:

Acute toxicity (inhalation): Category 4

Skin corrosion/irritation: Category 2

Serious eye damage/eye irritation: Category 1 Skin

sensitization: Category 1

specific target organ toxicity- single exposure: Category 3 (respiratory tract irritation)

specific target organ toxicity repeated exposure: Category 2 (respiratory organ)

Hazardous to the aquatic environment -chronic hazard: Category 3

SECTION16 OTHER INFORMATION

Date: 2022-01-21

Revision: 0

Other Information: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. We make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes. In no way shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising from using the above information