



Safety Data Sheet

according to Regulation (EC) No 1907/2006

Revision date: 25.06.2021

BATSEAL Pro Ceramic Sealant

Product code: BSC-11 - BSC-99

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

BATSEAL Pro Ceramic

Product group: Silicone

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Silicone Sealant

1.3. Details of the supplier of the safety data sheet

Company name: B.A.T. Trims Pty Ltd
Street: 2/58-66 Letcon Drive
Place: Dandenong South, VIC 3164
Telephone: 03 9797 7900
e-mail: info@battrims.com
Contact person: Michael Flechsig
e-mail: michael@battrims.com
Internet: www.battrims.com

1.4. Emergency telephone number: 0418 143 672

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2. Label elements

Regulation (EC) No. 1272/2008

Special labelling of certain mixtures

EUH208 Contains the biocidal active ingredient "4,5-dichloro-2-octyl-2H-isothiazol-3-one" for protection against mold. Keep out of the reach of children. Contains 4,5-dichloro-2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.
EUH210 Safety data sheet available on request.

Additional advice on labelling

The classification corresponds to the current EC listing, but is enhanced by specialised literature data and the Company's own information.

2.3. Other hazards

During polymerization the product releases small quantities of acetic acid.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Polydimethylsiloxane + curing agents + fillers + auxiliary agents



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Hazardous components

CAS No	Chemical name	Quantity
	EC No	
	Index No	
	REACH No	
	GHS Classification	
17689-77-9	Ethyltriacetoxysilan	< 5 %
	241-677-4	
		01-2119881778-15
	Acute Tox. 4, Skin Corr. 1B; H302 H314	

Full text of H and EUH statements: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

During polymerization the product releases small quantities of acetic acid. Do not inhale highly-concentrated release products for a longer period of time during polymerization, danger of irritation. Ensure adequate ventilation, especially in confined areas.

After inhalation

Move to fresh air in case of accidental inhalation of vapours.

In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

After contact with skin

Remove immediately adhering matter. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

If skin irritation persists, call a physician.

After contact with eyes

After contact with eye rinse immediately with lot of water at least 5 minutes with open eyelid. Subsequently consult an ophthalmologist.

After ingestion

Rinse mouth. Let water be swallowed in little sips (dilution effect).

If swallowed, seek medical advice immediately and show this container or label.

4.2. Most important symptoms and effects, both acute and delayed

This information is not available.

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

This information is not available.

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray, Dry powder, Foam, Sand, Carbon dioxide (CO₂).

Unsuitable extinguishing media

High volume water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire and/or explosion do not breathe fumes.

Combustion may provoke smoke emission. Hazardous decomposition products formed under fire conditions.

Decomposition products: acetic acid

5.3. Advice for firefighters

In the event of fire, wear self-contained breathing apparatus. In the event of fire and/or explosion do not



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breathe fumes.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Do not breath vapour. Avoid contact with skin and eyes.
Contaminated surfaces will be extremely slippery.

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system.

6.3. Methods and material for containment and cleaning up

Use mechanical handling equipment. Dispose of in accordance with local regulations.
To clean the floor and all object contaminated by this material, use Solvent . Cleaning with white-spirit possible.

6.4. Reference to other sections

See also section 8, 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Use only in well-ventilated areas. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

Further information on handling

When using, do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep containers tightly closed in a dry, cool and well-ventilated place.

Hints on joint storage

Exempt

Further information on storage conditions

Protect from moisture.

7.3. Specific end use(s)

This information is not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
64-19-7	Acetic acid	10	25		TWA (8 h)	EU
		15	37		STEL (15 min)	EU

8.2. Exposure controls

Protective and hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapours, mist or gas.
Avoid contact with skin, eyes and clothing. When using, do not eat, drink or smoke. Wash hands before breaks



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and immediately after handling the product.

Eye/face protection

Safety glasses

Hand protection

Chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374.

butyl-rubber: Glove thickness >0,3mm; Breakthrough time >480 minutes.

Nitrile rubber: Glove thickness >0,1mm; Breakthrough time 60 -120 minutes.

The break through time depends amongst other things on the material, the thickness and the type of glove and therefore has to be measured for each case. The exact break through time can be obtained from the protective glove producer and this has to be observed.

Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin protection

Protective clothing.

Respiratory protection

Ensure adequate ventilation, especially in confined areas. Maintain air concentrations below occupational exposure standards.

In case of insufficient ventilation wear suitable respiratory equipment . ABEK-filter

Environmental exposure controls

Do not flush into surface water or sanitary sewer system.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	paste
Colour:	various
Odour:	vinegar-like

Changes in the physical state

Melting point:	not applicable
Initial boiling point and boiling range:	not applicable
Flash point:	not applicable
Lower explosion limits:	not applicable
Upper explosion limits:	not applicable
Ignition temperature:	> 400 °C
Density:	approx. 1,03 g/cm ³
Water solubility:	insoluble

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reaction known under conditions of normal use.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

moisture.



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10.5. Incompatible materials

Reacts with water, Bases, Alcohols.

10.6. Hazardous decomposition products

No decomposition if used as directed. During polymerization the product releases small quantities of acetic acid.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

No data is available on the product itself. Health injuries are not known or expected under normal use.
Concentration above the OEL may cause irritation of eyes and mucous membranes .

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
17689-77-9	Ethytriacetoxysilan				
	oral	LD50 380 mg/kg	rat	OECD Test Guideline 401	

Irritation and corrosivity

During polymerization the product releases small quantities of acetic acid.
Vapour during processing may be irritating to the respiratory tract and to the eyes .

Sensitising effects

Hitherto no symptoms known.

Carcinogenic/mutagenic/toxic effects for reproduction

No data is available on the product itself.

STOT-single exposure

No data is available on the product itself.

STOT-repeated exposure

No data is available on the product itself.

Aspiration hazard

Due to the viscosity, this product does not present an aspiration hazard.

Specific effects in experiment on an animal

No data is available on the product itself.

Practical experience

Observations relevant to classification

Health injuries are not known or expected under normal use.

Further information

The cured material is odorless and indifferent.

SECTION 12: Ecological information

12.1. Toxicity

No data is available on the product itself.



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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
17689-77-9	Ethyltriacetoxysilan					
	Acute fish toxicity	LC50	251 mg/l	96 h	Danio rerio (zebra fish)	
	Acute algae toxicity	ErC50	73 mg/l	72 h	Pseudokirchneriella subcapitata (green algae)	
	Acute crustacea toxicity	EC50	62 mg/l	48 h	Daphnia magna (Water flea)	

12.2. Persistence and degradability

silicone bio-degradable.

12.3. Bioaccumulative potential

Bioaccumulation is unlikely.

12.4. Mobility in soil

The product is insoluble and sinks in water.

12.5. Results of PBT and vPvB assessment

not applicable

12.6. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Dispose of as special waste in compliance with local and national regulations. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

Contaminated packaging

Empty remaining contents. Dispose of in accordance with local regulations.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Marine pollutant:

no

Air transport (ICAO-TI/IATA-DGR)



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14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 2,3.

Relevant H and EUH statements (number and full text)

- H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
EUH208 Contains the biocidal active ingredient "4,5-dichloro-2-octyl-2H-isothiazol-3-one" for protection against mold. Keep out of the reach of children. Contains 4,5-dichloro-2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.
EUH210 Safety data sheet available on request.

Further Information

This recommendation is only valid for the product mentioned in the safety data sheet and provided by us and for the application specified by us.

Moreover, national legislation has to be obeyed!

These data describe only the safety requirements for the product(s) and are based on our present knowledge. However, they do not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)