

Safety data sheet

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Chemetall (now part of BASF Group) Safety data sheet

Date / Revised: 18.07.2019

Product: **ECOSEAL 800C**

Version: 1.1

(30721337/SDS_GEN_NZ/EN)

Date of print 24.07.2019

1. Substance/preparation and manufacturer/supplier identification

ECOSEAL 800C

Recommended use: Non-chrome sealer

Not recommended use: None known

Manufacturer/supplier:

Chemetall (New Zealand) Ltd
664 Rosebank Road Avondale,
Auckland 1026
NEW ZEALAND
Telephone: 008 837 464, +64 9 820 3888
Telefax number: +64 9 820 3979
E-mail address: nzadmin@basf.com

Emergency information:

Telephone: 0800 734 607

2. Hazard identification

Classification of the substance and mixture:

Flammable liquids: Cat. 2

Skin sensitization: Cat. 1

Label elements and precautionary statement:

Pictogram:



Signal Word:

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Danger**Hazard Statement:**

H225 Highly flammable liquid and vapour.
 H317 May cause an allergic skin reaction.

Precautionary Statements (Prevention):

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P242 Use only non-sparking tools.
 P241 Use explosion-proof electrical/ventilating/lighting/equipment.
 P243 Take action to prevent static discharges.
 P233 Keep container tightly closed.
 P240 Ground and bond container and receiving equipment.
 P272 Contaminated work clothing should not be allowed out of the workplace.

Precautionary Statements (Response):

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
 P370 + P378 In case of fire: Use water spray for extinction.
 P363 Wash contaminated clothing before reuse.
 P321 Specific treatment (see on this label).
 P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

Precautionary Statements (Storage):

P403 + P235 Store in a well-ventilated place. Keep cool.

Precautionary Statements (Disposal):

P501 Dispose of contents/container to hazardous or special waste collection point.

Other hazards which do not result in classification:

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

3. Composition/information on ingredients

Chemical nature

organic

Hazardous ingredients**Methyltrimethoxysilane**

Content (W/W): >= 75 % - <= 100 % Flam. Liq.: Cat. 2
 CAS Number: 1185-55-3

4. First-Aid Measures

General advice:

First aid personnel should pay attention to their own safety. Remove affected person from danger area. Remove contaminated clothing. Show container, label and/or safety data sheet to physician.

If inhaled:

Remove the affected individual into fresh air and keep the person calm. If symptoms persist, seek medical advice.

On skin contact:

Flush with copious amounts of water for at least 15 minutes. If symptoms persist, seek medical advice.

On contact with eyes:

Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist. Immediate medical attention required.

On ingestion:

Rinse mouth immediately with water. Immediately rinse mouth and then drink 200 - 300 ml water, do not induce vomiting, seek medical attention. Summon medical aid without delay.

Note to physician:

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Suitable extinguishing media:

carbon dioxide, dry powder, water spray, alcohol-resistant foam

Unsuitable extinguishing media for safety reasons:

water jet

Specific hazards:

carbon oxides

Special protective equipment:

Appropriate breathing apparatus may be required.

Further information:

Cool closed containers in the vicinity of the source of fire. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.

6. Accidental Release Measures

Personal precautions:

Use personal protective clothing. Advice on product handling can be found in sections 7 and 8 of this safety data sheet.

Environmental precautions:

Do not allow to enter drains or waterways. Do not discharge into the subsoil/soil. If the product enters drains or sewers, the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the Environment Agency.

Methods for cleaning up or taking up:

Ensure adequate ventilation. Pick up with inert absorbent material (e.g. sand, earth etc.). Take up mechanically and collect in suitable container (adequately labelled) for disposal.

7. Handling and Storage

Handling

Do not return residues to the storage containers. Provide good ventilation of working area (local exhaust ventilation if necessary). The workplace should be equipped with an emergency shower and eye-rinsing facility. Avoid inhalation of vapour and spray mist. Avoid contact with skin and eyes. Keep away from food, drink and animal feeding stuffs. Warn users about safety measures and precautions to prevent accidents.

Protection against fire and explosion:

Avoid all sources of ignition: heat, sparks, open flame. Vapours may form explosive mixture with air. Take precautionary measures against static discharges.

Storage

Suitable materials for containers: Carbon steel (Iron), tinned carbon steel (Tinplate), High density polyethylene (HDPE), Low density polyethylene (LDPE), Polyethylenetherephtalate (PET), Polypropylene (PP)

Further information on storage conditions: The entrance to storage rooms is to be granted only to appropriately trained personnel. Keep only in the original container. Keep in a cool, well-ventilated place. Avoid direct sunlight.

8. Exposure controls and personal protection

Components with occupational exposure limits

No occupational exposure limits known.

Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. (Gas filter EN 14387 A)

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Hand protection:

Chemical resistant protective gloves (EN 374)

Further information on penetration time is available from the manufacturer of the glove.

The gloves should be replaced immediately in case of damage or signs of wear. It is recommended to use preventative skin protection (skin cream).

Use suitable protective gloves made of nitrile rubber or butyl rubber. Please observe the glove manufacturer's instructions on permeability and rupture times as well as the specific workplace conditions.

Eye protection:

Tightly fitting safety goggles (splash goggles) (e.g. EN 166)

Body protection:

Chemical resistant protective clothing according to DIN EN 13034 (Type 6)

General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Eye wash fountains and safety showers must be easily accessible. Avoid contact with the skin, eyes and clothing. Do not breathe vapour/spray. Take off immediately all contaminated clothing. Keep away from food, drink and animal feeding stuffs. Hands and/or face should be washed before breaks and at the end of the shift.

9. Physical and Chemical Properties

Form: liquid

Colour: clear

pH value:

not applicable

solidification temperature:

not determined

onset of boiling:

> 100 °C

Flash point:

> 8 °C

Flammability (solid/gas): Highly flammable liquid and vapour.

Lower explosion limit:

not determined

Ignition temperature:

not determined

Self heating ability:

It is not a substance capable of spontaneous heating.

Explosion hazard:

not explosive

Fire promoting properties: not fire-propagating

Vapour pressure:

(20 °C)
not determined

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	(50 °C) not determined	
Density:	1.000 g/cm ³ (20 °C)	
Solubility in water:	soluble, Reacts with water.	
Miscibility with water:	immiscible	
Viscosity, kinematic:	6.0 mm ² /s (20 °C)	
	(40 °C) not determined	
Flow time:	< 30 s	(DIN EN ISO 2431; 3 mm)

10. Stability and Reactivity

Conditions to avoid:

Avoid all sources of ignition: heat, sparks, open flame. Avoid electro-static charge.

Substances to avoid:

strong oxidizing agents

Hazardous reactions:

Vapours may form explosive mixture with air.

When exposed to high temperatures hazardous decomposition products such as carbon monoxide, carbon dioxide, smoke, oxides of nitrogen may be produced., No hazardous decomposition products if stored and handled as prescribed/indicated.

11. Toxicological Information

Acute toxicity

Assessment of acute toxicity:

Based on available Data, the classification criteria are not met.

Irritation

Assessment of irritating effects:

Based on available Data, the classification criteria are not met.

Respiratory/Skin sensitization

Assessment of sensitization:

Sensitization after skin contact possible.

Germ cell mutagenicity

Assessment of mutagenicity:

Based on available Data, the classification criteria are not met.

Carcinogenicity

Assessment of carcinogenicity:

Based on available Data, the classification criteria are not met.

Reproductive toxicity

Assessment of reproduction toxicity:

Based on available Data, the classification criteria are not met.

Developmental toxicity

Assessment of teratogenicity:

Based on available Data, the classification criteria are not met.

Specific target organ toxicity (single exposure):

Assessment of STOT single:

Based on available Data, the classification criteria are not met.

Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:

Based on available Data, the classification criteria are not met.

Aspiration hazard

No aspiration hazard expected.

12. Ecological Information**Ecotoxicity**

Assessment of aquatic toxicity:

There are no test results available for this product. Do not allow to enter drains or waterways. Based on available Data, the classification criteria are not met.

Mobility

Assessment transport between environmental compartments:

No data available.

Persistence and degradability

Assessment biodegradation and elimination (H₂O):

No data available concerning biodegradation and elimination.

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Elimination information:
No data available.

Bioaccumulation potential

Bioaccumulation potential:
No data available.

13. Disposal Considerations

Observe national and local legal requirements.

Contaminated packaging:
Containers which are not properly emptied must be disposed pursuant to Directive 2008/98/EC
Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

14. Transport Information

Domestic transport:

Packing group: II
ID number: UN 1993
Transport hazard class(es): 3
Proper shipping name: FLAMMABLE LIQUID, N.O.S. (contains Methyltrimethoxysilane)

Further information

Hazchem Code:3YE
IERG Number:14

Sea transport

IMDG

Packing group: II
ID number: UN 1993
Transport hazard class(es): 3
Marine pollutant: NO
Proper shipping name: FLAMMABLE LIQUID, N.O.S. (contains Methyltrimethoxysilane)

Air transport

IATA/ICAO

Packing group: II
ID number: UN 1993
Transport hazard class(es): 3
Proper shipping name: FLAMMABLE LIQUID, N.O.S. (contains Methyltrimethoxysilane)

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15. Regulatory Information

Other regulations

Council Directive 67/548/EEC of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances

sensitizing - sensitizing

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

Tracking requirements do not apply to this substance.

A certified handler is not required for the handling of this substance.

HSNO Approval number HSR002611

16. Other Information

Vertical lines in the left hand margin indicate an amendment from the previous version.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.