

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Date of creation: 17 Feb 2025

Revised on: 11 May 2026

Version: 2.2, replaces version 2.1

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

1.1. Product identifier

Trade name/designation:

OBTEGO Concrete Coat Si Primer

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

Use of the substance/mixture:

Primer

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

OBTEGO AG

Landshuter Straße 36

84051 Essenbach/Altheim

Germany

Telephone: +49 8703/93844-0

Telefax: +49 8703/93844-29

E-mail: sdb@obtego.com

Website: www.obtego.com

E-mail (competent person): sdb@obtego.com

1.4. Emergency telephone number

24h: +49(0)89-19240

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard statements: none

Supplemental hazard information

EUH208

Contains KATHON CG. May produce an allergic reaction.

Precautionary statements Prevention

P280

Wear eye protection/face protection.

2.3. Other hazards

Adverse human health effects and symptoms:

The substance/mixture does not contain components that are endocrine disruptors according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605 in quantities of 0.1% or more.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Description:

Acrylate Dispersion

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Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 2634-33-5 EC No.: 220-120-9 Index No.: 613-088-00-6	1,2-benzisothiazol-3(2H)-one Acute Tox. 2 (H330), Acute Tox. 4 (H302), Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Eye Dam. 1 (H318), Skin Irrit. 2 (H315), Skin Sens. 1A (H317)  Danger M-factor (acute): 1 M-factor (chronic): 1 Specific concentration limit (SCL) Skin Sens. 1; H317: C ≥ 0.036% Acute Toxicity Estimate ATE (oral) 450 mg/kg ATE (dermal) > 2,000 mg/kg ATE (inhalation, dust/mist) 0.21 mg/L	0 – ≤ 0.0025 weight-%
CAS No.: 55965-84-9 Index No.: 613-167-00-5	KATHON CG Acute Tox. 2 (H330, H310), Acute Tox. 3 (H301), Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Eye Dam. 1 (H318), Skin Corr. 1C (H314), Skin Sens. 1A (H317)  Danger EUH071 M-factor (acute): 100 M-factor (chronic): 100 Specific concentration limit (SCL) Skin Corr. 1C; H314: C ≥ 0.6% Skin Irrit. 2; H315: 0.06% ≤ C < 0.6% Eye Dam. 1; H318: C ≥ 0.6% Eye Irrit. 2; H319: 0.06% ≤ C < 0.6% Skin Sens. 1A; H317: C ≥ 0.0015% Acute Toxicity Estimate ATE (oral) 66 mg/kg ATE (dermal) > 1,008 mg/kg ATE (inhalation, dust/mist) 0.33 mg/L	0 – ≤ 0.0014 weight-%

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

Following inhalation:

Provide fresh air.

In case of skin contact:

Wash with plenty of water and soap. Seek medical advice if irritation persists

After eye contact:

Wash with plenty of water. If eye irritation persists: Get medical advice/attention.

Following ingestion:

Rinse mouth immediately and drink 1 glass of water. Call a doctor if you feel unwell.

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

No known symptoms to date.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media:

Full water jet

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5.2. Special hazards arising from the substance or mixture

Carbon monoxide, Carbon dioxide

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Dried material is flammable.

5.4. Additional information

The product itself does not burn.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Avoid breathing dust/fume/gas/mist/vapours/spray. Remove persons to safety. Special danger of slipping by leaking/spilling product. Take up mechanically, placing in appropriate containers for disposal.

Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

6.1.2. For emergency responders

Personal protection equipment:

Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For containment:

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

For cleaning up:

Take up mechanically, placing in appropriate containers for disposal. Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Wash with plenty of water.

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

6.5. Additional information

Use appropriate container to avoid environmental contamination. Do not allow to enter into surface water or drains.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Wear personal protection equipment (refer to section 8).

Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place. Protect against frost.

Storage class (TRGS 510, Germany): 12 – non-combustible liquids that cannot be assigned to any of the above storage classes

7.3. Specific end use(s)

Industrial sector specific solutions:

Covering agents, water based, low-preservatives

GISCODE:

BSW10

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
DFG (DE) from 1 Jul 2024	KATHON CG CAS No.: 55965-84-9	① 0.2 mg/m ³ ⑤ (einatembare Fraktion) Gemisch aus cas 26172-55 und 2682-20
TRGS 900 (DE)	Aerosol.einatembare Fraktion	① 10 mg/m ³

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

No data available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No data available

8.2.2. Personal protection equipment

Eye/face protection:

Eye glasses with side protection EN 166

Skin protection:

Tested protective gloves must be worn EN 374.

Respiratory protection:

Usually no personal respirative protection necessary.

Other protection measures:

When using do not eat, drink, smoke, sniff.

8.2.3. Environmental exposure controls

Do not allow to enter into surface water or drains.

8.3. Additional information

The specified aerosol limit value is a recommendation for aerosol formation during processing.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Liquid

Form: Liquid

Colour: white

Odour: Acrylate

flammability: No data available

Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	≈ 8.5 - 9.5	20 °C	
Melting point	No data available		
Freezing point	No data available		
Initial boiling point and boiling range	No data available		
Decomposition temperature	≈ 180 °C		
Flash point	No data available		
Evaporation rate	No data available		

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Parameter	Value	at °C	① Method ② Remark
Auto-ignition temperature	No data available		
Upper/lower flammability or explosive limits	No data available		
Vapour pressure	≈ 23 hPa	20 °C	
Vapour density	No data available		
Density	≈ 1 g/cm ³	20 °C	
Bulk density	not applicable		
Water solubility	No data available		
Dynamic viscosity	No data available		
Kinematic viscosity	No data available		

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

No decomposition if used as intended.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

KATHON CG CAS No.: 55965-84-9

ATE oral: >5,000 mg/kg

ATE dermal: >3,700 mg/kg

ATE inhalativ Stäube+Nebel: >5 mg/L

LD₅₀ oral: 66 mg/kg (rat) EPA OPP 81-1 (Acute Oral Toxicity)

LD₅₀ dermal: >1,008 mg/kg (rat) EPA OPP 81-2 (Acute Dermal Toxicity)

LC₅₀ Acute inhalation toxicity (dust/mist): 0.33 mg/L 4 h (rat) OECD Guideline 403 (Acute Inhalation Toxicity)

Acute oral toxicity:

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

Acute dermal toxicity:

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

Acute inhalation toxicity:

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

Skin corrosion/irritation:

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

Serious eye damage/irritation:

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

Respiratory or skin sensitisation:

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Germ cell mutagenicity:

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

Carcinogenicity:

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

Reproductive toxicity:

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

STOT-single exposure:

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

STOT-repeated exposure:

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

Aspiration hazard:

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

11.2. Information on other hazards

Endocrine disrupting properties:

The substance/mixture does not contain components that are endocrine disruptors according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605 in quantities of 0.1% or more.

SECTION 12: Ecological information

12.1. Toxicity

1,2-benzisothiazol-3(2H)-one CAS No.: 2634-33-5 EC No.: 220-120-9
LC₅₀: 1.6 mg/L 4 d (fish)
LC₅₀: 2.15 mg/L 4 d (fish, <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i>)) OECD Guideline 203 (Fish, Acute Toxicity Test)
EC₅₀: 3.27 mg/L 2 d (crustaceans, <i>Daphnien</i>)
EC₅₀: 0.11 mg/L 3 d (Algae/water plant)
EC₅₀: 0.07 mg/L 3 d (Algae/water plant, <i>Raphidocelis subcapitata</i> (previous names: <i>Pseudokirchneriella subcapitata</i> , <i>Selenastrum capricornutum</i>)) OECD Guideline 201 (Alga, Growth Inhibition Test)
EC₅₀: ≈0.9893 mg/L 4 d (crustaceans, <i>Americamysis bahia</i> (previous name: <i>Mysidopsis bahia</i>)) other: ASTM Method E729-88A
NOEC: 0.21 mg/L (fish)
NOEC: 1.2 mg/L (crustaceans, <i>Daphnien</i>)
NOEC: 0.0403 mg/L 3 d (Algae/water plant, <i>Raphidocelis subcapitata</i> (previous names: <i>Pseudokirchneriella subcapitata</i> , <i>Selenastrum capricornutum</i>)) OECD Guideline 201 (Alga, Growth Inhibition Test)

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KATHON CG CAS No.: 55965-84-9

LC₅₀: 0.07 mg/L 14 d (fish, *Oncorhynchus mykiss* (previous name: *Salmo gairdneri*)) OECD Guideline 204 (Fish, Prolonged Toxicity Test: 14-day Study)

LC₅₀: 0.282 mg/L 4 d (crustaceans, *Americamysis bahia* (previous name: *Mysidopsis bahia*)) EPA OPPTS 850.1035 (Mysid Acute Toxicity Test)

EC₅₀: 0.1 mg/L 2 d (*Daphnia magna* (Big water flea)) OECD 202

EC₅₀: 0.048 mg/L 3 d (*Pseudokirchneriella subcapitata*) OECD 201

EC₅₀: 0.22 mg/L 4 d (*Oncorhynchus mykiss* (Rainbow trout)) OECD 203

EC₅₀: 7.92 mg/L (Activated sludge) OECD 209

EC₅₀: 0.0063 mg/L 3 d (Algae/water plant, *Skeletonema costatum*) OECD Guideline 201 (Alga, Growth Inhibition Test)

EC₅₀: 0.099 mg/L 2 d (crustaceans, *Daphnia magna*) OECD Guideline 202 (*Daphnia* sp. Acute Immobilisation Test)

NOEC: 0.004 mg/L 21 d (*Daphnia magna* (Big water flea)) OECD 211

NOEC: 0.098 mg/L 28 d (*Oncorhynchus mykiss* (Rainbow trout)) OECD 210

NOEC: 0.0012 mg/L 3 d (*Pseudokirchneriella subcapitata*) OECD 201

NOEC: 0.00049 mg/L 2 d (Algae/water plant, *Skeletonema costatum*) OECD Guideline 201 (Alga, Growth Inhibition Test)

NOEC: ≥ 0.0464 mg/L 35 d (fish, *Danio rerio* (previous name: *Brachydanio rerio*)) OECD Guideline 210 (Fish, Early-Life Stage Toxicity Test)

NOEC: 0.004 mg/L 21 d (crustaceans, *Daphnia magna*) OECD Guideline 211 (*Daphnia magna* Reproduction Test)

LOEC: 0.144 mg/L 28 d (fish, *Oncorhynchus mykiss* (previous name: *Salmo gairdneri*)) OECD Guideline 215 (Fish, Juvenile Growth Test)

LOEC: 0.012 mg/L 21 d (crustaceans, *Daphnia magna*) OECD Guideline 211 (*Daphnia magna* Reproduction Test)

12.2. Persistence and degradability

1,2-benzisothiazol-3(2H)-one CAS No.: 2634-33-5 EC No.: 220-120-9

Biodegradation: Yes, rapidly

KATHON CG CAS No.: 55965-84-9

Biodegradation: Yes, rapidly

12.3. Bioaccumulative potential

1,2-benzisothiazol-3(2H)-one CAS No.: 2634-33-5 EC No.: 220-120-9

Log K_{OW}: 1.47

Bioconcentration factor (BCF): 6.62

KATHON CG CAS No.: 55965-84-9

Log K_{OW}: 0.75

Bioconcentration factor (BCF): 3.6

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

1,2-benzisothiazol-3(2H)-one CAS No.: 2634-33-5 EC No.: 220-120-9

Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

KATHON CG CAS No.: 55965-84-9

Results of PBT and vPvB assessment: —

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6. Endocrine disrupting properties

The substance/mixture does not contain components that are endocrine disruptors according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605 in quantities of 0.1% or more.

12.7. Other adverse effects

No data available

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Send to a hazardous waste incinerator facility under observation of official regulations.

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

08 02 99	Wastes not otherwise specified
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Waste code packaging

15 01 02	Plastic packaging
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Waste treatment options

Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

Appropriate disposal / Package:

Completely emptied packages can be recycled.

13.2. Additional information

The waste code has to be identified in agreement with the disposal company or the competent authority.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es)			
not relevant	not relevant	not relevant	not relevant
14.4. Packing group			
not relevant	not relevant	not relevant	not relevant
14.5. Environmental hazards			
not relevant	not relevant	not relevant	not relevant
14.6. Special precautions for user			
not relevant	not relevant	not relevant	not relevant

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

15.1.1. EU legislation

Synthetic polymer microparticles (as per entry 78 in Annex XVII of Regulation (EC) No. 1907/2006)

No synthetic microparticles are present.

Other regulations (EU):

2008/98/EC, 2001/118/EC 1999/13/EC 2004/42/EC (EC) No. 1907/2006 (EU) 2015/830 75/324/EEC

2008/47/EC (EC) No. 1272/2008 2008/68/EC (EC) No. 648/2004

Information on Directive 1999/13 / EC on the limitation of emissions of volatile organic compounds (VOC-RL): VOC (in g / L):

VOC EU Limit (2004/42/EG) (cat. IIA/j):140 g/L, VOC value:<5 g/L

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This product meets the requirements of Regulation (EC) No. 1935/2004 on the limitation of VOC content.

15.1.2. National regulations

[DE] National regulations

Restrictions of occupation

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class

WGK:

1 - slightly hazardous to water

15.2. Chemical Safety Assessment

No data available

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

No data available

16.3. Key literature references and sources for data

Substance name	Type	source of supply
KATHON CG CAS No.: 55965-84-9	LD ₅₀ oral; LD ₅₀ dermal; LC ₅₀ Acute inhalation toxicity (dust/ mist); LC ₅₀ ; EC ₅₀ ; NOEC; LOEC	Source: European Chemicals Agency, http://echa.europa.eu/
1,2-benzisothiazol-3(2H)-one CAS No.: 2634-33-5 EC No.: 220-120-9	LC ₅₀ ; EC ₅₀ ; NOEC	Source: European Chemicals Agency, http://echa.europa.eu/

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

Hazard statements	
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Supplemental hazard information

EUH071	Corrosive to the respiratory tract.
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16.6. Training advice

No data available

16.7. Additional information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the

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product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.