

Safety data sheet

according to Directive (EC) no. 1907/2006 and Directive (EU)
no. 453/2010 (REACH)



Trading Name: Insulation layer creator DSX

Created on: 04.06.2018

Changed on: 19.01.2021

Number of pages: 8

1. Designation of the substance of the mixture and the company

Product identifier

Trading name: Insulation layer creator DSX

Article number: 7202300/7202302

Type: DXS-K/DSX-E

1.1 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses

Fire protection material

Dispersion-based fire protection compound for interior areas, to fill residual joints and close openings.

Uses advised against

1.2 Manufacturer/supplier

OBO Bettermann Holding GmbH & Co. KG

P.O. Box 1120

58694 Menden

Germany

1.3 Division providing information

Customer Service

Tel.: +49 2373 89 - 1700

export@obo.de

1.4 Emergency telephone number

REACH Registration of Chemicals GmbH

Tel.: +49 (0)700 24112112 (OBO)

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 Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

Additional advice on labelling

The product is labeled in accordance with Regulation (EC) no. 1272/2008 (GHS).

2.3 Other hazards

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.

High risk of slipping due to leakage/spillage of product.

3. Composition / information on ingredients

3.1 Mixtures

Chemical characterization

Aqueous dispersion with organic and inorganic fillers / pigments

4. First aid measures

4.1 Description of first aid measures

General information

Remove contaminated clothes and wash before re-use

Inhalation

Take affected person into fresh air. Consult a physician.

Get medical attention, if respiratory irritation develops or if breathing becomes difficult

Skin contact

Remove contaminated soaked clothing immediately.

In case of contact with skin wash off immediately with plenty of water .

Consult a doctor if skin irritation persists.

Eye contact

Rinse immediately with plenty of lukewarm water, also under the eyelids, for at least 15 minutes.

Do not rub eyes - contains inorganic fillers, which irritate the eyes mechanically like other inert materials.

Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.

Ingestion

Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse out mouth and give plenty of water to drink. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

May produce an allergic reaction.

Symptoms of eye or skin irritation: burning, redness, swelling

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptoms.

5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Product itself does not burn. Use fire fighting measures that suit the environment and products stored.

Foam, carbon dioxide (CO₂), dry chemical, water-spray

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

None

5.3 Advice for firefighters

In case of fire formation of dangerous gases possible.
 In case of fire, wear suitable respiratory equipment with positive air supply

Additional information

Remove product from area of fire, or otherwise cool containers with water to avoid pressure being build up due to heat.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes, skin or mucous membrane. Do not breathe vapours and aerosols.
 Ensure adequate ventilation, especially in confined areas.
 High risk of slipping due to leakage/spillage of product.

6.2 Environmental precautions

Do not discharge large amounts into the drains or bodies of water. Inform competent authority about release into the sewage, ground or into waters.

6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).

6.4 Reference to other sections

Information for disposal see section 13.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

No special measures necessary if used correctly.
 Do not keep containers unlocked.
 Observe the technical data sheet.

Advice on protection against fire and explosion

No special precautions required.

Further information on handling

When using do not eat, drink or smoke.

7.2 Conditions for safe storage with a view to incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a dry, cool and well-ventilated place.
 Keep only in original container.

Further information on storage conditions

No special storage conditions required

7.3 Specific end use(s)

See identified use in SECTION 1.2

8. Exposure controls/personal protection

8.1 Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
9004-34-6	Cellulose (pure), respirable	-	4		TWA (8h)	WEL
115-77-5	Pentaerythritol, respirable dust	-	4		TWA (8h)	WEL

13463-67-7	Titanium dioxide, respirable	-	4		TWA (8h)	WEL
------------	------------------------------	---	---	--	----------	-----

8.2 Exposure controls



Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures

Take the usual precautions when handling with chemicals.

Wash hands before breaks and at the end of workday.

When using do not eat, drink or smoke.

Eye/face protection

Tightly fitting goggles (EN 166).

Hand protection

Chemical-resistant gloves (EN 374), Safety gloves for the site (EN420, Cat. 1 or 2)

Follow the recommendations of the glove manufacturer for breakthrough properties especially for work-place conditions involving mechanical stress and contact duration.

Skin protection

Protective clothing

Respiratory protection

Not required under normal use.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: Pasty

Colour: white

Odour: almost odourless

pH value: 8.0 – 8.8 (10 % in water)

Changes in the physical state

Melting point: No data available

Initial boiling point and boiling range: ~ 100 °C

Flash point: n.a.

Sustaining combustion: Not sustaining combustion

Flammability

Solid: n.a.

Explosive properties

The product is not explosive.

Lower explosion limits: n.a.

Upper explosion limits: n.a.

Ignition temperature: n.a.

Auto-ignition temperature

Solid: No data available

Decomposition temperature: No data available

Oxidizing properties

Not fire-promoting

Vapour pressure: No data available

Density (at 20 °C): 1,2 - 1,385 g/cm³

Water solubility: Soluble

Solubility in other solvents

No data available

Partition coefficient: No data available

Viscosity / dynamic (at 20 °C): No data available

Viscosity / kinematic: No data available

9.2 Other information

No data available

10. Stability and reactivity

10.1 Reactivity

Reactivity with the intended use is not associated with any hazards.

10.2 Chemical stability

Chemically stable.

10.3 Potential dangerous reactions

None under normal processing.

10.4 Conditions to avoided

To avoid thermal decomposition, do not overheat.

Keep from freezing.

10.5 Incompatible materials

Strong acids, strong bases

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

Further information

Keep only in original container

11. Toxicological information

11.1 Information on toxicological effects

Toxicokinetics, metabolism and distribution

Health injuries are not known or expected under normal use.

Acute toxicity

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

Irritation and corrosivity

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

Contact with eyes may cause irritation.

Sensitising effects

Contains Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

Carcinogenic/mutagenic/toxic effects for reproduction

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.

12. Ecological information

12.1 Toxicity

Ecological data are not available.

12.2 Persistence and degradability

Not determined

12.3 Bioaccumulative potential

Not determined

12.4 Mobility in soil

Not determined

12.5 Results of PBT and vPvB assessment

Not determined

12.6 Other harmful effects

Not determined

Further information

Do not release undiluted or in higher quantities into the groundwater, sewerage or waters

13. Disposal considerations

13.1 Waste treatment methods

Disposal recommendations

Do not discharge into the drains/surface waters/ground water. The waste code number must be agreed with the disposer / manufacturer / competent authority. Waste disposal according to local regulations.

List of Wastes Code - residues/unused products

808410: WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants other than those mentioned in 08 04 09

List of Wastes Code - contaminated packaging

150102: WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of like the product.

Cleaning agent: Water

14. Transport information

14.1 UN number

ADR/RID, ADN, IMDG, ICAO-TI, IATA-DGR: No dangerous good in sense of this transport regulation.

14.2 UN proper shipping name

ADR/RID, ADN, IMDG, ICAO-TI, IATA-DGR: No dangerous good in sense of this transport regulation.

14.3 Transport hazard class(es)

ADR/RID, ADN, IMDG, ICAO-TI, IATA-DGR: No dangerous good in sense of this transport regulation.

14.4 Packing group

ADR/RID, ADN, IMDG, ICAO-TI, IATA-DGR: 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.

15. Regulatory information

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

EU regulatory information

2004/42/EC (VOC): < 10 %

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

16. Other information

Abbreviations and acronyms

n.a. not applicable

n.s.: no specifications

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route (Agreement concerning the international carriage of Dangerous goods by Road)

IMDG-Code: International Maritime Code for Dangerous Goods

ICAO: International Civil Aviation Organisation (IATA: The International Air Transport Association)

GHS: Globally Harmonized System of Classification, Labelling and Packaging of Chemicals

Relevant H and EUH statements (number and full text)

EUH208: Contains Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

Further Information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities. The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge. The delivery specifications are contained in the corresponding product sheet. This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations. (n.a. = not applicable; n.d. = not determined)

The details in this Safety Data Sheet are based on our current knowledge and experience. They are to provide a description of the safety requirements to be observed in connection with our products, and are therefore not meant to warrant any specific characteristics. The conditions at the user's workplace are beyond our knowledge and control. An approval must be obtained, before the product may be used for purposes other than those mentioned in Chapter 1. The user is responsible for ensuring that all relevant legal provisions are complied with.

