

Safety data sheet

according to Directive (EC) No. 1907/2006



Trading name: Insulation layer creator DSX

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1. Designation of the substance or mixture and the company

1.1 Product identifier

Trading name: Insulation layer creator DSX

Article number: 7202300/7202302

Type: DSX-K/DSX-E

1.2 Relevant identified uses of the substance or mixture and uses we would not recommend

Identified use

Fire protection material

1.3 Details on the supplier providing the safety data sheet

Manufacturer/supplier

OBO Bettermann Holding GmbH & Co. KG

Hüingser Ring 52

58710 Menden

Germany

Division providing information

Customer Service

Tel.: +49 (0)2371 7899-2000

E-mail: info@obo.de

1.4 Emergency telephone number

REACH Registration of Chemicals GmbH

Tel.: +49 (0)700 2411 2112 (OBO)

2. Possible risks

2.1 Classification of the substance or mixture

EC Directive 1272/2008

The mixture is not classified as hazardous in the sense of the Directive (EC) no. 1272/2008.

2.2 Labelling elements

EC Directive 1272/2008

Special labelling of specific mixtures

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

Labelling information

The product is labelled according to the Directive (EC) no. 1272/2008 (GHS).

2.3 Other risks

In accordance with Directive (EC) no. 1907/2006 (REACH), this product does not contain any PBT/vPvB substances.

Particular risk of slipping from escaped/poured product.

3. Composition/details of component parts

3.1 Chemical characteristics

Watery dispersion with organic and inorganic fillers/pigments.

4. First aid measures

4.1 Description of the first aid measures

General information

Remove soiled clothing and wash before reuse.

Inhalation

Move affected people into the fresh air. Seek medical advice.

If respiratory paths are irritated or there is trouble breathing, seek medical advice.

Skin contact

Take off soiled, saturated clothing immediately.

If the product comes into contact with the skin, wash off immediately with copious amounts of water.

If skin irritation persists, seek medical advice.

Eye contact

Immediately rinse out with copious amounts of lukewarm water, also under the eyelid, for at least 15 minutes.

Avoid eye rubbing – the product contains inorganic fillers which, like other inert substances, will mechanically irritate the eyes. Rinse carefully with copious amounts of water, also under the eyelids. If eye irritation continues, seek specialist medical advice.

Ingestion

Never let anything flow into the mouth of an unconscious person. Prevent vomiting. Rinse out the mouth and drink copious amounts of water. Seek medical advice.

4.2 Acute and delayed symptoms and effects

May produce an allergic reaction.

Indications of eye or skin irritation: Burning, redness, swelling

4.3 Information for immediate medical aid or special treatment

Treat symptomatically.

5. Fire protection measures

5.1 Extinguishing media

Suitable extinguishing media

Product does not burn. Match the extinguishing measures to the surrounding fire and the stored products.

Foam, carbon dioxide (CO₂), dry extinguishing media, water jet

Unsuitable extinguishing media

Full water jet.

5.2 Particular hazards

None

5.3 Advice for firefighters

In case of fire, it is possible that dangerous gases will form.

If there is a fire, wear a breathing protection device independent of the ambient air.

Additional information

If possible, remove the product from the danger zone. Cool the endangered container with a water jet, in order to reduce the pressure increase.

6. Measures in the case of unintentional release

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes, skin and mucous membranes. Do not inhale vapours and aerosols.
Ensure sufficient ventilation, particularly in closed rooms.
Particular risk of slipping from escaped/poured product.

6.2 Environmental protection measures

Do not let large quantities enter the sewerage system. If the product enters the sewerage system, waterways or ground, inform the responsible authority.

6.3 Methods and material for retention and cleaning

Collect with material that will bind liquids (e.g. sand, diatomaceous earth, acid binder, universal binder, sawdust).

6.4 Reference to other sections

For disposal information, see Section 13.

7. Handling and storage

7.1 Protective measures for safe handling

Information on safe handling

With correct use, no special measures are required.
Do not let vessels/containers remain open.
Observe the technical information sheet.

Information on fire and explosion protection

No special measures required

Additional handling information

Do not eat, drink or smoke during use.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage locations and containers

Store the container, tightly shut, in a dry, cool and well-ventilated location.
Only store in the original container.

Additional information on storage conditions

No special storage conditions required.

Storage class according to TRGS 510: 12 (Non-combustible liquids not assignable to any of the previously mentioned storage risk classes)

7.3 Specific end applications

See Use in SECTION 1.2

8. Limitation and monitoring of the exposure/personal protective equipment

8.1 Parameters to be monitored

Additional information on limit values

No national limit values have been specified

8.2 Limitation and monitoring of exposure



Suitable technical control equipment

Ensure sufficient ventilation, particularly in closed rooms.

Protection and hygiene measures

Observe the normal precautionary measures for handling chemicals.

Wash hands before breaks and at the end of work.
Do not eat, drink or smoke during use.

Eye/face protection

Tightly closing protective goggles (EN 166)

Hand protection

Chemical-resistant gloves (EN 374), building site gloves (EN420, Cat. 1 or 2)
Observe the details of the glove manufacturer on penetration times, taking particular account of the conditions at the workplace, such as mechanical load and contact duration.

Physical protection

Protective clothing

Respiratory protection

Not required with correct handling.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Aggregate state: Pasty

Colour: White

Odour: Almost odourless

pH value: 8.0–8.8 (10% in water)

State changes

Melting point: No data available

Boiling point/range: Approx. 100 °

Ignition point: N/A

Further combustion: No continuous burning

Flammability:

Solid matter: Not applicable

Explosion risks:

The product does not pose the risk of explosion

Lower explosion limit: N/A

Upper explosion limit: N/A

Ignition temperature: N/A

Self-ignition temperature

Solid matter: No data available

Decomposition temperature: No data available

Oxidising properties

Not oxidising

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

Distribution coefficient: No data available

Dyn. viscosity (at 20 °C): No data available

Kin. viscosity: No data available

9.2 Other data

No data available

10. Stability and reactivity

10.1 Reactivity

When used correctly, reactivity is not connected to any risks.

10.2 Chemical stability

Chemically stable

10.3 Possibility of hazardous reactions

None if processed correctly.

10.4 Conditions to avoid

To avoid thermal decomposition, do not overheat.
Protect against frost.

10.5 Incompatible materials

Strong acids or alkalis

10.6 Hazardous decomposition products

No decomposition if stored and used correctly.

Additional data

Only store in the original container

11. Toxicological data

11.1 Data on toxicological effects

Toxicokinetics, metabolism and distribution

If used properly, no health risks are known or to be expected.

Acute toxicity

On the basis of the available data, the classification criteria are not fulfilled.

Irritant and corrosive effect

On the basis of the available data, the classification criteria are not fulfilled.

Eye contact can cause irritations.

Sensitising effects

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Carcinogenic, mutagenic and teratogenic effects

On the basis of the available data, the classification criteria are not fulfilled.

Specific target organ toxicity with single exposure

On the basis of the available data, the classification criteria are not fulfilled.

Specific target organ toxicity with repeated exposure

On the basis of the available data, the classification criteria are not fulfilled.

Aspiration risk

On the basis of the available data, the classification criteria are not fulfilled.

12. Environmental data

12.1 Toxicity

No ecotoxicological data available.

12.2 Persistence and degradability

Undetermined

12.3 Bioaccumulation potential

Undetermined

12.4 Mobility in soil

Undetermined

12.5 Results of PBT and vPvB assessment

Undetermined

12.6 Other adverse effects

Undetermined

Additional information

Do not let large or undiluted quantities enter the groundwater, waterways or the sewerage system.

13. Disposal information

13.1 Waste treatment method

Disposal recommendation

Do not let the product enter the sewerage system/surface water/groundwater. The waste code number must be specified in consultation with the disposer/manufacturer/authority. Disposal according to the local official regulations.

Waste code – unused product

080410: 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

Waste code – uncleaned packaging

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

Disposal of uncleaned packaging and recommended cleaning agents

Ensure optimal emptying of contaminated packaging. They can then be recycled after appropriate cleaning. Dispose of uncleanable packaging in the same way as the substance.

Cleaning agent: Water

14. Transport information

Land transport (ADR/RID)

14.1 UN number:

Not a hazardous substance in the sense of these transport regulations.

14.2 Correct UN shipping designation:

Not a hazardous substance in the sense of these transport regulations.

14.3 Transport hazard classes:

Not a hazardous substance in the sense of these transport regulations.

14.4 Packaging group:

Not a hazardous substance in the sense of these transport regulations.

Inland ship transport (ADN)

14.1 UN number:

Not a hazardous substance in the sense of these transport regulations.

14.2 Correct UN shipping designation:

Not a hazardous substance in the sense of these transport regulations.

14.3 Transport hazard classes:

Not a hazardous substance in the sense of these transport regulations.

14.4 Packaging group:

Not a hazardous substance in the sense of these transport regulations.

Overseas transport (IMDG)

14.1 UN number:

Not a hazardous substance in the sense of these transport regulations.

14.2 Correct UN shipping designation:

Not a hazardous substance in the sense of these transport regulations.

14.3 Transport hazard classes:

Not a hazardous substance in the sense of these transport regulations.

14.4 Packaging group:

Not a hazardous substance in the sense of these transport regulations.

Air transport (ICAO-TI/IATA-DGR)

14.1 UN number:

Not a hazardous substance in the sense of these transport regulations.

14.2 Correct UN shipping designation:

Not a hazardous substance in the sense of these transport regulations.

14.3 Transport hazard classes:

Not a hazardous substance in the sense of these transport regulations.

14.4 Packaging group:

Not a hazardous substance in the sense of these transport regulations.

14.5 Environmental hazards

ENVIRONMENTAL RISK: No

14.6 Special precautionary measures for the user

Not a hazardous substance in the sense of the transport regulations.

14.7 Mass good transportation according to Appendix II of the MARPOL agreement 73/78 and according to the IBC code

Not a hazardous substance in the sense of the transport regulations.

15. Legal specification

15.1 Specifications regarding safety, health and environmental protection/specific legal specifications for the substance or the mixture

EU regulations

Data of the VOC Directive 2004/42/EC: < 10%

Data of the SEVESO III Directive 2012/18/EU: Not subject to the SEVESO III Directive

National specifications

Water hazard class: 2 – Obviously hazardous to water

Status: Classification of mixtures according to Appendix 1 No. 5 AwSV

15.2 Chemical safety assessment

Chemical safety assessment for substances in this mixtures were not performed

16. Other data

Data sheet of issuing area

Department: Technical documentation

Changes

Changes in Section 3.2

Abbreviations and acronyms

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG Code: International Maritime Dangerous Goods Code

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

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

Wording of the H and EUH statements (number and full text)

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

Additional data

Some of the data in items 4 to 8 and 10 to 12 do not relate to the use and correct application of the product (see use/technical information), but to the release of larger quantities in cases of accident and irregularities. The data describe only the safety requirements of the product(s) and are supported by the current level of our knowledge.

You can find the delivery specification in the relevant product data sheets. They do not represent any guarantee of the properties of the described product(s) in the sense of the statutory guarantee regulations. (n.a. - nicht anwendbar, n.b. - nicht bestimmt)

The data on the hazardous contents was taken from the most recently valid safety data sheet of the pre-supplier.