

Safety data sheet

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

Rose effect filler
Status 08.2018

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

1.1 Product identifier

Designation **Rose effect filler**

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

Description/Use: **Wall coatings**

1.3. details of the supplier providing the safety data sheet.

Company name **edelundstein GmbH**
Address **Einsteinstraße 12**
Location and country **33104 Paderborn**
GERMANY
Tel. +49 5254 933 07 31
Fax +49 5254 933 07 33

E-mail of the competent person,
the information required for the safety data sheet
is responsible for: **info@edel-und-stein.com**

1.4. emergency number

For urgent information / technical information contact: Dr Felix Ferlemann **+49 170 / 736 29 24**

SECTION 2: Potential hazards

2.1 Classification of the substance or mixture

The product is classified as non-hazardous according to the regulations under Regulation (EC) 1272/2008 (CPL).

2.2 Marking elements.

Labelling according to Regulation (EC) 1272/2008 (CLP):

The product does not have to be labelled according to EC directives or the respective national laws.

Hazard statements:-

Supplementary hazard characteristics (EU)

EUH208Contains 1,2-benzisothiazol-3(2H)-one. May cause allergic reactions.

Safety instructions:

P102 Keep out of the reach of children.

Safety instructions Prevention:

P280. 3Wear protective gloves and clothing.

Safety instructions Reaction:

P302 + P352 In case of contact with skin: Wash with plenty of soap and water.
P333 + P313f skin irritation or rash occurs: Get medical advice / attention.

Safety instructions Disposal:

P501Dispose of contents / container to hazardous or special waste collection point.

2.3 Other hazards

Possible adverse effects on humans and possible symptoms:

May cause skin irritation. May cause eye irritation.

Other adverse effects:

Special slip hazard due to leaking / spilled product.

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SECTION 3: Composition/Information on ingredients

3.2 Mixtures

Description:

Iron powder in aqueous solution, additives

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers Substance name according to Regulation (EC) No 1272/2008 (CLP)		/ Classification Content
CAS No.: 2634-33-5	1,2-Benzisothiazol-3(2H)-one	0 - < 0.05 wt.%
EC No.: 220-120-9Eye	Dam. 1, Acute Tox. 4, Skin Irrit. 2, Skin Sens.1, Aqua. Acute 1	



Danger: H302 - H315 - H317 - H318 - H400

Wording of H- and EUH-phrases: see section 16

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

Remove the casualty from the danger zone. Remove soiled, soaked clothing. If unconscious, place in recovery position and seek medical advice. Do not leave the victim unattended. If you feel unwell, seek medical advice / medical assistance.

After inhalation:

Provide fresh air.

In case of skin contact:

Wash off with plenty of water. If skin irritation occurs: Seek medical advice / attention.

After eye contact:

In case of contact with eyes, rinse thoroughly with water. In case of eye irritation, consult an ophthalmologist.

After ingestion:

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Seek medical advice / medical attention.

4.2 Most important symptoms and effects, both acute and delayed

May cause skin irritation. May cause eye irritation. May cause allergic skin reactions.

4.3. indications for immediate medical help or special treatment

Symptomatic treatment.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Adapt extinguishing measures to the surroundings.

5.2 Special hazards arising from the substance or mixture

The product itself does not burn. No special fire protection measures required.

Hazardous combustion products:

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In case of fire, toxic gases / vapours may be produced.

5.3 Advice for fire fighting

Wear self-contained breathing apparatus and chemical protective suit.

5.4 Additional notes

Collect contaminated extinguishing water separately. Do not allow to enter drains or watercourses.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 Staff not trained for emergencies

Personal precautions:

Avoid contact with eyes and skin. Special risk of slipping due to leaking / spilled product. Take persons to safety.

Protective equipment:

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

6.1.2. task forces

Personal protective equipment:

see section 8

6.2 Environmental protection measures

Do not allow to enter drains or water courses. Do not allow to enter the subsoil / soil.

6.3 Methods and material for containment and cleaning up

For restraint:

Wipe up with absorbent material (e.g. cloth, fleece). Handling of larger quantities: Absorb with liquid-binding material (sand, diatomaceous earth, acid binders, universal binders).

For cleaning:

Water with added surfactant

6.4 Reference to other sections

Safe handling: see section 7

Personal protective equipment: see section 8

Disposal: see section 13

6.5 Additional notes

Use suitable container to avoid contamination of the environment.

SECTION 7: Handling and storage

7.1 Protective measures for safe handling

Instructions for safe handling:

Avoid contact with skin, eyes and clothing. Take off soiled, saturated clothing. Wash contaminated clothing before reuse. Wear personal protective equipment (see section 8).

Fire protection measures:

No special measures are required.

Environmental protection measures:

Entry into the environment must be avoided.

Notes on general industrial hygiene:

Do not eat, drink or smoke while working. Wash hands and face thoroughly before breaks and at the end of work, shower if necessary. Use skin care products after work.

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7.2 Conditions for safe storage taking into account incompatibilities

Technical measures and storage conditions:

Keep container tightly closed and store in a cool, well-ventilated place.
Conditions to avoid: Frost, heat, UV radiation / sunlight.

Requirements for storage rooms and containers:

Floors should be impermeable, resistant to liquids and easy to clean. Keep / store only in the original container.

Merging notes:

Keep away from food, drink and animal feed.

Storage class: 12 - non-flammable liquids that cannot be assigned to any of the above storage classes.

7.3 Specific end uses

Recommendation:

Wall coatings

Follow the instructions for use.

SECTION 8: Limitation and monitoring of exposure/

Personal protective equipment

8.1 Parameters to be monitored.

No data available.

8.1.1 Occupational exposure limits

Limit value type Country ²	Substance name ¹) Long-term workplace limit value) Short-term occupational exposure limit value 3) Instantaneous value 4) Monitoring or observation procedures 5) Remark
DFG (DE)	2-methyl-2,3 dihydroisothiazol-3-one ¹ CAS No.: 2682-20-42) 0.2 mg/m ³) 0.4 mg/m ³ 5) inhalable fraction (reaction mixture, consisting of 5-chloro-2-methyl-2H-isothiazol-3-one and 2 methyl-2H-isothiazol-3-one (3:1)

8.1.2 Biological limits

No data available.

8.1.3 DNEL / PNEC values

No data available

8.2 Exposure controls and monitoring

8.2.1 Suitable technical control devices

Technical measures and the use of appropriate work procedures take precedence over the use of personal protective equipment.
Ventilate the affected area.

8.2.2 Personal protective equipment



Eye / face protection:

Filling and decanting; frame goggles with side protection (DIN EN 166)

Skin protection:

It is recommended to use water-resistant skin protection preparations before starting work.

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Recommendation for decanting and transferring: Tested protective gloves must be worn (DIN EN 374). Chemical protective gloves are to be selected in their design depending on the concentration and quantity of hazardous substances specific to the work. It is recommended to clarify the chemical resistance of the above-mentioned protective gloves for special applications with the glove manufacturer. If gloves are to be reused, clean them before taking them off and store them in a well-ventilated place.

Respiratory protection:

Normally, no personal respiratory protection is necessary.

Other protective measures:

Wear suitable protective clothing when working.

8.2.3 Limitation and monitoring of environmental exposure

No data available.

8.3 Additional notes

No data available.

SECTION 9: Physical and chemical properties

9.1. information on the basic physical and chemical properties.

State of aggregation liquid, viscous (paste)

Odourless

Colour Reddish brown

Safety-relevant basic data

pH valuenot	determined
Melting point / freezing pointnot	determined
Freezing pointnot	determined
Initial boiling point and boiling rangenot	determined
Decomposition temperaturnot	determined
Flash pointnot	applicable
Evaporation ratenot	determined
Ignition temperaturnot	determined
Upper/Lower Flammability or Explosion limits	not applicable
Vapour pressure	not determined
Vapour densitynot applicable	
Density at 20° C	0.9 - 1 g/ml
Bulk densitynot applicable	
Water solubilitydispersible	
Partition coefficient n-octanol / water	
log P (o/w)	not determined
Viscosity, dynamicnot	determined
Viscosity, kinematicnot	determined

9.2 Other information.

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

The product itself does not burn.

10.2 Chemical stability

The product is stable when stored at normal ambient temperatures.

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10.3 Possibility of hazardous reactions

No hazardous reactions occur if handled and stored as intended.
Hydrogen is formed in a reaction with acids (**danger of explosion!**).

10.4 Conditions to avoid

Frost, heat, UV radiation / sunlight.

10.5 Incompatible materials

Acids

10.6 Hazardous decomposition products

In case of fire, toxic gases / vapours may be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity:

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

Corrosive / irritant effect on the skin:

Based on available data, the classification criteria are not met.
May cause skin irritation.

Eye damage/irritation:

Based on available data, the classification criteria are not met.
May cause eye irritation.

Sensitisation of the respiratory tract or skin:

Based on available data, the classification criteria are not met.
Contains 1,2-benzisothiazol-3(2H)-one. May cause allergic reactions.

Aspiration hazard:

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

SECTION 12: Environmental information

12.1 Toxicity

Aquatic toxicity:

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

Behaviour in wastewater treatment plants:

The insoluble portion can be mechanically separated in suitable wastewater treatment plants.

Additional ecotoxicological information:

Avoid discharge into the environment. Do not allow to enter sewage system. Do not allow to enter the subsoil / soil.

12.2 Persistence and degradability

Biodegradation:

The methods for determining biodegradability are not applicable to inorganic substances.

12.3 Bioaccumulative potential

Accumulation / Valuation:

No indication of bioaccumulation potential.

12.4 Mobility in soil

No data available.

12.5 Results of the PBT and vPvB assessment

The substances in the mixture do not fulfil the PBT / vPvB criteria according to REACH, Annex XIII.

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12.6 Other adverse effects

No data available.

SECTION 13: Disposal instructions

13.1 Waste treatment processes.

13.1.1 Disposal of the product / packaging

Waste code / waste designation according to EAK/AVV

Waste code Product:

08 01 12Wastes from painting and varnishing other than those mentioned in 08 01 11

Waste code packaging:

17 02 03Plastic

17 09 04Mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

15 01 02Packaging of plastics

Waste treatment solutions

Proper disposal of the product:

Dispose of in accordance with official regulations. For waste disposal, contact the authorised waste disposal company. Contact the manufacturer for recycling.

Proper disposal of the packaging:

Completely emptied packaging can be recycled.

Other disposal recommendations:

The allocation of waste code numbers / waste designations must be carried out in accordance with EAKV on a sector- and process-specific basis. Collect in suitable, closed containers and take for disposal.

13.2 Additional information

Waste for disposal shall be classified and labelled.

SECTION 14: Transport information

The product is not dangerous according to the regulations in force in the field of road transport of dangerous goods (A.D.R.), by rail (RID), by sea (IMDG Code) and by air (IATA).
Not relevant.

SECTION 15: Legislation

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

15.1.1 EU regulations

Other EU regulations:

The product complies with the requirements of the EU Directive 2004/42/EC on the limitation of VOC content.

15.1.2.National regulations

EN - National regulations

Water hazard class (WGK):

1 - slightly hazardous to water

Remark:

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Classification according to VwVws, Annex 4

Regulations of the Employer's Liability Insurance Association (BGV):
D25 - Processing of coating materials

15.2 Chemical Safety Assessment
No data available.

15.3 Additional information
No data available.

SECTION 16: Other information

16.1. amendment notes
No data available.

16.2 Abbreviations and acronyms
For abbreviations and acronyms, see ECHA: Guidance on information requirements and chemical safety assessment, Chapter R.20 (List of terms and abbreviations).

16.3 Important literature references and data sources
No data available.

16.4 Classification of mixtures and assessment method used according to Regulation (EC) No 1272/2008 (CPL)
The mixture is classified as non-hazardous.

16.5 Wording of the H and EUH phrases

Hazard warnings

H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause allergic skin reactions.
H318 Causes serious eye damage.
H400 Very toxic to aquatic organisms.

16.6 Training instructions
No data available

16.7 Additional notes
The information in this safety data sheet is based on our best knowledge and belief at the time of printing. The information is intended to provide guidance on the safe handling of the product specified in this safety data sheet during storage, processing, transport and disposal. The information is not transferable to other products. Insofar as the product is mixed, blended or processed with other materials or undergoes treatment, the information in this safety data sheet cannot be transferred to the new material thus produced, unless expressly stated otherwise.