



MATERIAL SAFETY DATA SHEET according to 1907/2006/EC, Article 31

1. Identification of the substance/mixture

Product identifier

Trade name: SENOSOL®-PAINT White 05-1452-113489 Article number: 113489

Intended use: Industrial applications

Relevant identified uses of the substance or mixture and uses advised against Not determined.

Application of the substance / the preparation

2. Hazards identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 Void

Label elements

Labelling according to Regulation (EC) No 1272/2008 Void

Signal word

Void

Hazard statements

EUH208 Contains 1, 2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

Other hazards:

Results of PBT and vPvB assessment PBT: Not applicable.

vPvB: Not applicable.

3. Composition/information on ingredients

Chemical characterization: Mixtures

Description: Mixture of the substances listed below with non-hazardous additions.

Dangerous components:

CAS NO. 2634-33-5

Description Index R-phrases 1, 2-benzisothiazol-3(2H)-one EC number: 220-120-9

Eye Dam. 1 - H318;

Acute Tox. 4 - H302, Skin Irrit. 2 - H315, Skin Sens. 1 - H317; Aquatic Acute 1 - H400

4. First aid measures

Description of first aid measures

General information: Immediately remove any clothing soiled by the product.



In case of irregular breathing or respiratory arrest provide artificial respiration.
After inhalation: Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

After skincontact: Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing: Do not induce vomiting; call for medical help immediately.

Information for doctor: Most important symptoms and effects, both acute and delayed
No further relevant information available.

Indication of any immediate medical attention and special treatment needed
No further relevant information available.

5. Firefighting measures

Extinguishing media

Suitable extinguishing agents:

Water haze Alcohol foam

Fire-extinguishing powder

Carbon dioxide

For safety reasons unsuitable extinguishing agents:

Water with full jet

Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

As the product contains combustible organic compounds, fire will produce dense black smoke containing hazardous products of combustion (see Section 10). Exposure to decomposition products may be hazard to health.

Advice for firefighters Protective equipment:

Do not inhale explosion gases or combustion gases. Additional information

Cool closed containers exposed to fire with water spray.

Do not allow run-off from firefighting to enter drains or water courses.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation Keep away from ignition sources.

Use respiratory protective device against the effects of fumes/dust/ aerosol.

Exclude sources of ignition and ventilate the area. Exclude non-essential personnel.

Avoid breathing vapours. Refer to protective measures listed in Sections 7 and 8.

Environmental precautions:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or



sewage system. Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

7. Handling and storage

Handling:

Precautions for safe handling. Keep receptacles tightly sealed. Store in cool, dry place in tightly closed receptacles. Keep away from heat and direct sunlight. Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols. Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air). Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits. Additionally, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Non-sparking tools should be used. Avoid skin and eye contact. Avoid inhalation of vapour and spray mist. Smoking, eating and drinking should be prohibited in areas of storage and use. For personal protection, see Section 8.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Use explosion-proof apparatus / fittings and spark-proof tools. Fumes can combine with air to form an explosive mixture. Flammable gas-air mixtures may be formed in empty receptacles. Wear shoes with conductive soles. Vapours are heavier than air and may spread along floors. They may form explosive mixtures with air.

Conditions for safe storage, including any incompatibilities.

Storage:

Requirements to be met by storerooms and receptacles:

Store in a cool location. Store only in the original receptacle. Provide solvent resistant, sealed floor. Floors should be electrically conductive. Keep container tightly closed. Never use pressure to empty: the container is not a pressure vessel. No Smoking. Prevent unauthorized access. Containers which are opened should be properly resealed and kept upright to prevent leakage. Information about storage in one common storage facility:

Do not store together with acids. Do not store together with alkalis (caustic solutions). Store away from oxidizing agents. Store separately from oxidizing agents and strongly alkaline and strongly acidic materials.

Further information about storage conditions:

Protect from frost. Store in cool, dry conditions in well-sealed receptacles. Store receptacle in a well ventilated area. Store under lock and key and with access restricted to technical experts or their assistants only. Always keep in containers made of the same material as the supply

container. Observe the label precautions. Store between 5 and 30°C in a dry, well



ventilated place away from sources of heat, ignition and direct sunlight.

Storage class: 12

Specific enduse(s)

No further relevant information available.

8. Exposure controls/personal protection

Control parameters

Ingredients with limit values that require monitoring at the workplace:

Additional information:

The lists that were valid during the creation were used as basis. Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures should be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Do not inhale gases / fumes / aerosols. Avoid close or long term contact with the skin. Avoid contact with the eyes. Do not eat, drink, smoke or sniff while working. Use skin protection cream for skin protection. Be sure to clean skin thoroughly after work and before breaks.

Respiratory protection:

Use suitable respiratory protective device in case of insufficient ventilation. In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Short term filter device: Filter A/P2

Air-fed respiratory protective equipment should be worn when this product is sprayed if the exposure of the sprayer or other people nearby cannot be controlled to below the occupational exposure limit and engineering controls and methods cannot reasonably be improved.

Protection of hands:

To avoid skin problems reduce the wearing of gloves to the required minimum. Avoid direct contact with the chemical/ the product/ the preparation by organizational measures. Check protective gloves prior to each use for their proper condition. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Use gloves of stable material (e.g. Nitrile) - if necessary tricoted to improve the wearability. If only a short- term loading of the glove material by splashes is expected, tricoted gloves with higher wearability for the better acceptance of the users are recommended.

Protective gloves Solvent resistant gloves Material of gloves

Penetration time of glove material.

Eye protection:

Safety glasses Body protection:

Protective work clothing

9. Physical and chemical properties

Information on basic physical and chemical properties	
General Information	
Appearance:	
Form:	Fluid
Colour:	White
Odour:	Mild
Odour threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Boiling point/Boiling range:	100 °C
Flash point:	>= 100 °C
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	
Decomposition temperature:	Not determined.
Self-igniting:	Not determined.
Danger of explosion:	Not determined.
Explosion limits:	Not determined.
Lower:	Not determined.
Upper:	Not determined.
Vapour pressure:	at 20 °C 23,000 HPa
Density:	1,6310 g/cm ³
Solubility in / Miscibility with water:	Fully miscible.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	at 23 °C 60,00 s DIN 4 mm
Solvent separation test:	< 3 %
Solvent content:	
Organic solvents:	0,03 %
Water:	31,18 %
Solids content:	68,80 %
Other information	No further relevant information available.

10. Stability and reactivity

Reactivity

Chemical stability

Conditions to be avoided:

No decomposition if used and stored according to specifications.

Possibility of hazardous reactions



No dangerous reactions known.

Conditions to avoid:

No further relevant information available. Incompatible materials:

No further relevant information available. Hazardous decomposition products:

Carbon monoxide and carbon dioxide Nitrogen oxides (NO_x)

11. Toxicological information Information on toxicological effects

Acute toxicity:

LD/LC50 values relevant for classification:

2634-33-5 1,2-benzisothiazol-3(2H)-one

Oral, LD50: 1193 mg/kg (rat) Dermal, LD50: 4115 mg/kg (rat)

Primary irritant effect:

on the skin: No irritant effect.

on the eye: No irritating effect.

Sensitization: No sensitizing effects known.

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

12. Ecological information

There is no data available on the product itself. The product should not to be allowed to enter drains or water courses or de deposited where it can affect ground or surface waters.

Toxicity

Aquatic toxicity:

No further relevant information available. Persistence and degradability

No further relevant information available. Behaviour in environmental systems:

Bio accumulative potential

No further relevant information available. Mobility in soil

No further relevant information available.

Additional ecological information:

General notes:

At present there are no Eco toxicological assessments. Results of PBT and vPvB assessment

PBT: Not applicable. vPvB: Not applicable. Other adverse effects

No further relevant information available.

13. Disposal considerations Waste treatment methods Recommendation

After prior treatment product has to be landfilled or incinerated adhering to the regulations pertaining to the disposal of especially hazardous waste. Do not allow into drains or water courses or dispose of where ground or surface waters may be effected.

Uncleaned packaging:



Recommendation:

Packagings that cannot be cleansed are to be disposed of in the same manner as the product.

14. Transport information

UN-Number: ADR IMDG IATA	Void Void Void
UN proper shipping name: ADR IMDG IATA	Void Void Void
Transport hazard class(es): Class ADR Class IMDG Class IATA	Void Void Void
Packing group: ADR IMDG IATA	Void Void Void
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
Transport/Additional information	Not applicable.

15. Regulatory information

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

ormixture National regulations:

Technical instructions (air):

Class Share in %

I 0,01

Water hazard class:

Water hazard class 1 (Self-assessment): slightly hazardous for water. Chemical

safetyassessment:

A Chemical Safety Assessment has not been carried out.

16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.



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Relevant phrases

- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H400 Very toxic to aquatic life.

Department issuing MSDS:
Product safety department.