

Safety data sheet: MaxGloss FINISH CS 207

According to 1907/2006/EC, Article 31

Interior & Exterior

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

MaxGloss FINISH CS 207

(Use: Raw material, for industrial use only)

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2. Hazards Identification

Possible Hazards (according to Directive 67/548/EWG or 1999/45/EC)

No particular hazards known.
If the product adheres to skin, irritation may occur when it dries.

3. Composition/Information on Ingredients

Chemical nature
Aqueous dispersion of a polymer based on: styrene, butadiene

4. First-Aid Measures

General advice:
Remove contaminated clothing.

If inhaled:
Keep patient calm, remove to fresh air, seek medical attention.

On skin contact:
Wash thoroughly with soap and water.

On contact with eyes:
Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:
Rinse mouth immediately and then drink plenty of water, seek medical attention.

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5. Fire-Fighting Measures

Suitable extinguishing media:
water spray, dry powder, foam, carbon dioxide

6. Accidental Release Measures

Methods for cleaning up or taking up:
For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).
Dispose of absorbed material in accordance with regulations.
For large amounts: Pump off product.
For residues: Rinse away with water.

7. Handling and Storage

Handling

Handle in accordance with good industrial hygiene and safety practice. After long storage, slight quantities of carbon monoxide may be formed. To our best knowledge, the occupational exposure limit (OEL) is not exceeded during use. Entering of tanks must only be performed after intensive cleaning and when it is ensured that residual vapours have been removed. Consideration of national laws and international standards for confined space entry should be taken in to account. In case of doubt, the concentration of Carbon monoxide must be determined.

Storage

Further information on storage conditions: Store protected against freezing.

8. Exposure Controls/Personal Protection

Personal protective equipment

Hand protection:

Suitable chemical resistant safety gloves (EN 374) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) and other Supplementary note: The specifications are based on tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing.

Eye protection:

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

General safety and hygiene measures:

Hands and/or face should be washed before breaks and at the end of the shift. Avoid contact with skin and eyes.

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9. Physical and Chemical Properties

Form:	liquid		
Colour:	white		
Odour:	aromatic		
pH value:	7.3 - 8.3		(DIN ISO 976)
<i>Information on:</i> solidification temperature:	water 0 °C		

<i>Information on:</i> boiling temperature:	water 100 °C (1,000 hPa)		

Flash point:	not applicable		
<i>Information on:</i> Vapour pressure:	water 23 mbar	(20 °C)	

Density:	approx. 1.01 g/cm ³	(20 °C)	(ISO 2811-1)
Solubility in water: partly soluble		(15 °C)	
Miscibility with water:	miscible		
Viscosity, dynamic:	30 - 150 mPa.s	(23 °C, 100 1/s)	(DIN EN ISO 3219)
	60 - 300 mPa.s	(23 °C)	(DIN EN ISO 2555 (RVT))
Solids content:	49.0 - 51.0 %		(DIN EN ISO 3251)

10. Stability and Reactivity

Thermal decomposition: No decomposition if used correctly.
Hazardous reactions:
No hazardous reactions when stored and handled according to instructions. After long storage, slight quantities of carbon monoxide may be formed.

11. Toxicological Information

Acute toxicity

Assessment of acute toxicity:

Virtually nontoxic after a single ingestion. The product has not been tested. The statement has been derived from products of a similar structure and composition.

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Experimental/calculated data:

LD50 rat (oral): > 2,000 - 10,000 mg/kg

Irritation

Assessment of irritating effects:

If the product adheres to skin, irritation may occur when it dries.

Not irritating to the eyes. Not irritating to the skin.

The product has not been tested. The statement has been derived from products of a similar structure and composition.

Experimental/calculated data:

Skin corrosion/irritation rabbit: non-irritant (OECD Guideline 404)

Serious eye damage/irritation rabbit: non-irritant (OECD Guideline 405)

Respiratory/Skin sensitization

Assessment of sensitization:

Skin sensitizing effects were not observed in animal studies. The product has not been tested.

The statement has been derived from products of a similar structure and composition.

Germ cell mutagenicity

Assessment of mutagenicity:

The substance was not mutagenic in bacteria. The product has not been tested. The statement has been derived from products of a similar structure and composition.

Carcinogenicity

Assessment of carcinogenicity:

No data available concerning carcinogenic effects.

Reproductive toxicity

Assessment of reproduction toxicity:

No data available concerning reproduction toxicity.

Developmental toxicity

Assessment of teratogenicity:

No data available concerning teratogenic effects.

Other relevant toxicity information

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

The statement was derived from products of similar composition.

12. Ecological Information

Ökotoxizität

Ecotoxicity

Toxicity to fish:

LC50 (96 h) > 100 mg/l, Brachydanio rerio (OECD Guideline 203, static)

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Aquatic invertebrates:
EC50 (48 h) > 100 mg/l, Daphnia magna (OECD Guideline 202, part 1, static)

Aquatic plants:
EC50 (72 h) > 100 mg/l, Scenedesmus subspicatus (OECD Guideline 201)
Nominal concentration.

Microorganisms/Effect on activated sludge:
EC20 (0.5 h) > 100 mg/l, activated sludge, domestic (DIN EN ISO 8192-OECD 209-88/302/EEC,P. C)
The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.

Persistence and degradability

Assessment biodegradation and elimination (H2O):
The product can be virtually eliminated from water by abiotic processes e.g. adsorption onto activated sludge.
Elimination information:
> 70 % DOC reduction (OECD 302B; ISO 9888; 88/302/EEC,part C) Easily eliminated from water.

Bioaccumulation potential

Bioaccumulation potential:
Based on its structural properties, the polymer is not biologically available.
Accumulation in organisms is not to be expected.

Additional information

Other ecotoxicological advice:
Do not release untreated into natural waters.
At the present state of knowledge, no negative ecological effects are expected.
Ecological data are determined by analogy..

13. Disposal Considerations

Must be disposed of or incinerated in accordance with local regulations.

A waste code in accordance with the European waste catalog (EWC) cannot be specified, due to dependence on the usage.

Observe national and local legal requirements.

14. Angaben zum Transport

Land transport

ADR Not classified as a dangerous good under transport regulations

RID Not classified as a dangerous good under transport regulations

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Inland waterway transport

ADNR Not classified as a dangerous good under transport regulations

Sea transport

IMDG Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO Not classified as a dangerous good under transport regulations

15. Regulatory Information

Regulations of the European union (Labelling) / National legislation/Regulations

Directive 1999/45/EC ('Preparation Directive'):

The product does not require a hazard warning label in accordance with EC Directives.

Classification and labelling were undertaken on the basis of tests on a preparation of similar composition.

Other regulations

The information fulfills the requirements of Directive 1999/45/EC concerning preparations and the associated requirements for 'safety data sheets'.

16. Other Information

Any other intended applications should be discussed with the manufacturer.

Vertical lines in the left hand margin indicate an amendment from the previous version.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.