

EC Safety Data Sheet (according to 91/155/EEC)



Product name:	Duroseal Multigel 850 Component A	Issue No. 0001
Issued on:	25/03/2003	Printing date: 31/10/2003

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1. Substance-/Preparation and company name

Details of the product
(Product name and use): Duroseal Multigel 850 Component A;
Injection material for waterproofing of building structures

Information about manufacturer/supplier

	Germany	Switzerland
Manufacturer/Supplier:	Tricosal GmbH	Tricosal BBZ AG
Address:	Von-Helmholtz-Str. 1 D-89257 Illertissen	Gewerbezentrum Rotfarb 9213 Hauptwil (Schweiz)
Telephone:	+ 49 (0) 73 03 180 - 0	+41 (0) 71 424 6070
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E-mail	info@tricosal.de	info@bbz-ag.ch
URL	www.tricosal.de	

2. Composition / Information on ingredients

Chemical composition: Preparation on the basis of a specific methacrylate
Hazardous ingredients

CAS-No.	Name of substance	Content	Symbol	R--phrases
868-77-9	Glycolmethacrylate	> 20 %	Xi	36/38; 43

3. Possible Hazards

Identification of hazard: Xi irritant
Information concerning hazards for man and environment: Irritating to eyes and skin; may cause sensitisation by skin contact.

This classification system complies with the current EC-lists and company information.

4. First aid measures

General advice: Immediately remove contaminated and soaked clothing.
After inhalation: Provide for fresh air.
After skin contact: Wash skin with soap and water.
After eye contact: Rinse immediately with plenty of clean water for at least 10 min.; seek medical advice.
After ingestion: Immediately rinse mouth; drink plenty of water subsequently, seek medical advice.

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5. Fire Fighting Measures

Suitable extinguishing media:	Foam, Extinguishing powder, CO ₂ (Carbon Dioxide), water spray.
Non-suitable extinguishing agent (for safety reason):	Water jet spray.
Particular hazards caused by the substance, combustion products or developing gases:	Toxic and irritant burnt gases can form in case of fire; polymerisation possible.
Special Protective equipment:	Wear self-contained breathing apparatus in case of fire. Follow the standard safety measures for handling chemicals in case of fire.

6. Accidental release measures

Personal precautions:	Protect eyes and hands; wear personal protective equipment; avoid inhalation of fumes.
Environmental precautions:	Do not allow to enter drains, sewers, water courses and soil; dam up released material if quantities are high.
Measures for cleaning / collection:	Soak up with inert liquid absorbent material (e.g. universal binders); dispose in accordance with local regulations.

7. Handling and storage

Handling:	
Directions for safe handling:	Wear personal protection equipment, provide for good ventilation.
Directions to prevent fire and explosions:	Protect from sources of ignition; protect from heat.
Storage:	
Requirements for warehouses and containers:	Keep containers tightly closed; storage together with inert gas is not allowed; protect from direct sunlight and heat; store under cool conditions, but protect from frost; recommended storage temperature <25°C; keep out of reach of children.
Further information for storage conditions:	Not available

8. Exposure controls and personal protection

Engineering control measures:	Ventilation (see paragraph 7)
Occupational exposure limits:	not applicable
Personal protective equipment	
Breathing protection:	Provide for good ventilation.
Hand protection:	Chemical resistant protective gloves (e.g. nitrile rubber).
Eye Protection:	Tight fitting safety goggles.
Body protection:	Normal working clothes.
Hygiene at working place:	Keep away from food and beverages, wash hands before breaks and at the end of working day. Do not eat, drink or smoke during working.

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9. Physical and chemical properties

Physical state: liquid **Colour:** blue transparent **Odour:** not applicable

	<i>Value / Unit</i>
Change in condition:	Not determined.
Density (at 20°C):	Approx. 1,1 g/ml
Vapour pressure (at 20°C):	Not determined.
Viscosity (at 20°C):	Low viscous
Solubility in water (at 20°C):	Miscible
pH-value (at 20°C):	Approx. 5
Flash point:	Not applicable.
Ignition temperature:	Not applicable.
Explosion hazard:	Not applicable.
n-octanol-water partition coefficient (log Pow):	Not determined.

10. Stability and reactivity

Conditions and substances to avoid: Protect from heat, sources of ignition; protect from contact with peroxides, oxidation agents, strong acids and lyes and other chemicals.

Hazardous decomposition products: Polymerisation possible; toxic and irritant burnt gases can form in case of fire.

11. Toxicological information

Primary irritant effect (skin, eyes): Irritating after contact with skin and eyes.

Sensitisation: Possible by skin contact.

Additional information: None

12. Ecological information

Degradability: Not determined
German WGK: 1 (own classification)
Further ecological information: Do not release product into environment.
Further ecological data: Not available.

13. Disposal considerations

Product:
Recommendation: If recycling is not possible, disposal in accordance with local and official regulations.

Uncleaned packaging
Recommendation: Disposable in accordance with local and official regulations.

14. Transport information

Land transport	}	Non hazardous goods according to transport regulations
Sea transport		
Air transport		

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15. Regulatory information

Identification according to EC directives

Code letter and hazard designation of the product:



Xi irritant

Contains: Glycolmethacrylate

Relevant component for hazardous goods labelling:

R-phrases: 36/38 Irritating to eyes and skin
43 May cause sensitisation by skin contact

S-phrases: 24 Avoid contact with skin
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
37 Wear suitable gloves

National regulations

German WGK

1 (own classification)

Swiss Federal Office of Public Health:

BAG T-Nr. 615084, poisonous category 4

16. Other information

Relevant code letter and hazard designation of the product, see section 2:

R 36/38 Irritating to eyes and skin
R 43 May cause sensitisation by skin contact

Changes in comparison with the previous version are marked at the margin with a line

The information of this MSDS is based on the present state of our knowledge. The users working conditions are beyond our knowledge and control. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction.

It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this MSDS is meant as a description of the safety requirements of our product and is not to be considered as a guarantee of product properties.