

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



Product name:	IH 81 Component A		Issue No. 0002
Issued on:	28/07/2003	Printing date:	14/11/2003

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1. Substance-/Preparation and company name

Details of the product
(Product name and use): IH 81 Component A;
Polyurethane Injection resin 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)
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E-mail	info@tricosal.de	info@bbz-ag.ch
URL	www.tricosal.de	

2. Composition / Information on ingredients

Chemical composition: Formulation of Polyoles
Hazardous ingredients Not applicable

3. Possible Hazards

Identification of hazard: Not applicable
Information concerning hazards for man and environment: Irritating to eyes, skin and mucous membranes are possible

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, at troubles seek medical advice
After skin contact: Wash off with plenty of water and soap.
After eye contact: Rinse with plenty of water for at least 15 min.; seek medical advice immediately
After ingestion: Rinse mouth; seek medical advice immediately

5. Fire Fighting Measures

Suitable extinguishing media: Foam, Extinguishing powder, CO₂ (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.
Special Protective equipment: Wear self-contained breathing apparatus in case of fire. Follow the standard safety measures for handling chemicals in case of fire.

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6. Accidental release measures

Personal precautions:	Wear personal protective equipment; avoid inhalation of fumes.
Environmental precautions:	Do not allow to enter drains, sewers, watercourses and soil.
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 protective equipment; provide for good ventilation.
Directions to prevent fire and explosions:	No special necessary
Storage:	
Requirements for warehouses and containers:	Store under cool conditions, but protect from frost; keep containers tightly closed; keep out of reach of children.
Further information for storage conditions:	Not applicable

8. Exposure controls and personal protection

Engineering control measures:	Provide for good ventilation (see paragraph 7)
Occupational exposure limits (Germany)	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.

9. Physical and chemical properties

Physical state: liquid **Colour:** clear, yellowish **Odour:** not applicable

	Value / Unit
Change in condition:	Not determined
Density (at 20°C):	Approx. 1,0 g/ml
Vapour pressure (at 20°C):	Not determined
Viscosity (at 20°C):	Approx. 400 mPas
Solubility in water (at 20°C):	Insoluble
pH-value (at 20°C):	Not applicable
Flash point:	> 100°C
Explosion hazard:	Not determined

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10. Stability and reactivity

Conditions and substances to avoid:	None if properly used and stored
Hazardous decomposition products:	None if properly used and stored
Hazardous reactions:	None if properly used and stored

11. Toxicological information

Primary irritant effect (skin, eyes):	Irritating to skin, eyes and mucous membranes are possible
Sensitisation:	Not applicable
Additional information:	None

12. Ecological information

Degradability:	Not determined
German water endangering class (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:	No hazardous good according to transport regulations
Sea transport:	No hazardous good according to transport regulations
Air transport:	No hazardous good according to transport regulations

15. Regulatory information

Identification according to EC directives	
Code letter and hazard designation of the product:	No identification required
Relevant component for hazardous goods labelling:	Not applicable
National regulations	
German water endangering class (WGK):	1 (own classification)
Swiss Federal Office of Public Health:	BAG T-Nr. 615100, poisonous category free

16. Other information

Relevant code letter and hazard designation of the product see section 2: not applicable

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.