

**MATERIAL SAFETY DATA SHEET  
ACCORDING TO EC DIRECTIVE 91/155/EEC  
Product Remmers MCI (9200)**

**1. Identification of the substance/preparation and of the company/undertaking**

*Product/trade name:* Remmers MCI  
*Synonym/formula:* Corrosion Inhibitor  
*Manufacturer name:* Remmers Baustofftechnik GmbH  
*Supplied by:* Remmers (UK) Limited  
Unit B1, The Fleming Centre  
Fleming Way  
Crawley  
West Sussex RH10 9NN  
*Contact for information:* 0845 3730103  
*e-mail:* info@remmers.co.uk  
*Emergency telephone:* 0845 3730103  
*Intended Use:*

**2. Composition/information on ingredients**

<i>Substance</i>	<i>CAS Number</i>	<i>EINECS-No.</i>	<i>% Composition</i>	<i>Hazard Label</i>
<i>n.a.</i>				

**3. Hazards identification**

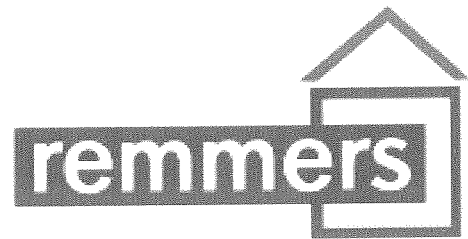
*Emergency Overview:* n.a.  
*Human health hazards:* n.a.  
*Environmental hazards:* n.a.

**4. First aid measures**

*General Information:* No special measures required.  
*Skin contact:* Immediately wash with water and soap and rinse thoroughly.  
*Eye contact:* Rinse opened eye for several minutes under running water.  
*Inhalation:* Supply fresh air; consult doctor in case of complaints.  
*Ingestion:* Induce vomiting and call for medical help.

**5. Fire-fighting measures**

*Flammable properties:*  
*Suitable extinguishing media:* Use fire fighting measures that suit the environment.



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*Products of combustion:*

*Special precautions:* No special measures required.

*Additional Information:*

**6. Accidental release measures**

*Personal precautions:* Not required.

*Environmental precautions:* Do not allow to enter sewers/ surface or ground water.

*Clean-up method:* Absorb with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust).

**7. Handling and storage**

*Safe handling information:* No special measures required.

*Fire & explosion protection:* No special measures required.

*Segregation information:* No special requirements.

*Storage conditions:* Not required.

**8. Exposure controls/personal protection**

*Engineering controls:*

*Occupational Exposure Limits:* Tertiary alkanolamine (2%)  
Short-term value: 22mg/m<sup>3</sup>, 6ppm  
Long-term value: 7.4mg/m<sup>3</sup>, 2ppm

*Respiratory protection:* Use suitable respiratory protective device in case of insufficient ventilation.

*Hand protection:* Protective gloves.  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.  
The exact break through time has to be determined by the manufacturer of the protective gloves and has to be observed.

*Eye protection:* Safety glasses.

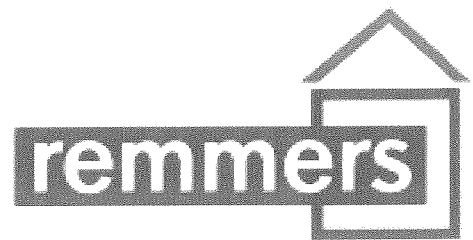
*Body protection:*

*Hygiene measures:* The usual precautionary measures should be adhered to when handling chemicals.

**9. Physical and chemical properties**

*Physical State:* Liquid

*Colour:* Amber coloured



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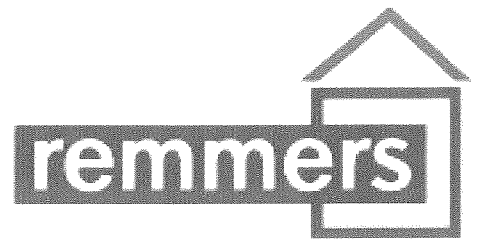
<i>Odour:</i>	Characteristic.
<i>Specific gravity:</i>	n.a.
<i>Boiling point/range :</i>	n.d.
<i>Melting point/range :</i>	n.d.
<i>Density (g/cm<sup>3</sup>):</i>	1.03 – 1.05
<i>Flammability:</i>	n.a.
<i>Flash point:</i>	> 100C
<i>Autoignition temperature:</i>	n.a.
<i>pH value:</i>	9.0 – 9.7
<i>Vapour pressure:</i>	n.a.
<i>Vapour density @ 20°C:</i>	n.a.
<i>Solubility - water @20°C:</i>	Fully miscible.
<i>Viscosity:</i>	n.a.

#### 10. **Stability and reactivity**

<i>Stability:</i>	
<i>Conditions to be avoided:</i>	No decomposition if used according to specifications.
<i>Materials to be avoided:</i>	
<i>Hazardous decomposition products:</i>	No dangerous decomposition products known.
<i>Other information:</i>	

#### 11. **Toxicological information**

<i>Toxicity to Animals:</i>	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: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
<i>Acute Toxicity:</i>	
<i>Chronic Toxicity:</i>	
<i>Eye contact:</i>	Irritating effect.
<i>Skin Contact:</i>	Irritant on skin and mucous membranes.
<i>Inhalation:</i>	
<i>Ingestion:</i>	
<i>Long term effects:</i>	



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**12. Ecological information**

*Ecotoxicity:* Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

*Water hazard class:* Water hazard class 1 (German Regulation) (self assessment): slightly hazardous for water.

**13. Disposal considerations**

*Product:* Smaller quantities can be disposed of with household waste.

*Empty packaging:* Disposal must be made according to official regulations.

*Waste classification:*

**14. Transport information**

*General Information:* Not classified as hazardous for transport.

*UN number:*

*UN proper shipping name:*

*UN class:*

*UN packing group:*

*ADR/RID classification:*

*IMDG classification:*

*IATA classification:*

*TREMCARD TEC(R)*

*Additional Information:*

**15. Regulatory information**

*Hazard symbol(s):*

*Classification* Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials.

*Risk phrases:*

*Safety phrases:* S60 – This material and its container must be disposed of as hazardous waste.

*Contains:*

*Product use:*



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**16. Other information**

*General Information:* n.a. = Not Applicable; n.d. = Not Determined.

*Prepared/issued by:* Remmers (UK) Limited

All data and recommendations as well as formulations made herein are based on our present state of knowledge. We disclaim all liability on risks or formulae that may result from the use of our products, including improper and illicit use.