

## SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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### CZ Binder 2210-00-00

Revision 0

Revision date 2015-06-11

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Product name	CZ Binder 2210-00-00
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##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use	[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [SU7] Printing and reproduction of recorded media; [PC18] Ink and toners;
Description	Water Based. Acrylic polymer dispersion.

##### 1.3. Details of the supplier of the safety data sheet

Company	Thermographic Measurements Ltd
Address	Riverside Buildings Dock Road Connah's Quay Flintshire CH5 4DS United Kingdom
Web	www.t-m-c.com
Telephone	+44 (0)1244 818348
Fax	+44 (0)1244 818502
Email	sales@t-m-c.com
Email address of the competent person	chrisc@t-m-com

##### 1.4. Emergency telephone number

Emergency telephone number	+44 (0)1244 818348 Hours 09.00 to 17.00
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##### Intended use

Intended use	Manufacture of colour change inks and coatings.
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#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

Main hazards	No Significant Hazard
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##### 2.2. Label elements

Risk phrases	No Significant Hazard
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#### SECTION 3: Composition/information on ingredients

##### Further information

Further information	No hazardous components present.
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#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
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## 4.1. Description of first aid measures

Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

## 4.2. Most important symptoms and effects, both acute and delayed

Inhalation	May cause irritation to respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	May cause irritation to mucous membranes.

## 4.3. Indication of any immediate medical attention and special treatment needed

Inhalation	If you feel unwell, seek medical advice (show the label where possible).
Eye contact	Seek medical attention if irritation or symptoms persist.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	Seek medical attention if irritation or symptoms persist.

**SECTION 5: Firefighting measures**

## 5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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## 5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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## 5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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**SECTION 6: Accidental release measures**

## 6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area.
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## 6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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## 6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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## 6.4. Reference to other sections

	For disposal see section 13.
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**SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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## 7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.
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## 7.3. Specific end use(s)

	After contact with skin, wash immediately with plenty of water.
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**SECTION 8: Exposure controls/personal protection**

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## 8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear protective clothing.
Eye / face protection	In case of splashing, wear:.. Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	White
Odour	Mild
pH	No data available
Initial boiling point	100
Flash point	Not applicable.
Flammability (solid, gas)	Not applicable.
Relative density	1.0-1.1
Explosive properties	Not applicable.
Oxidising properties	N/A
Solubility	Miscible in water

## 9.2. Other information

Specific gravity	1
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## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	No Significant Hazard.
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## 10.2. Chemical stability

	Stable under normal conditions.
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## 10.3. Possibility of hazardous reactions

	No Significant Hazard.
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## 10.4. Conditions to avoid

	No Significant Hazard.
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## 10.5. Incompatible materials

	No Significant Hazard.
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## 10.6. Hazardous decomposition products

	Burning produces obnoxious and irritating fumes.
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## SECTION 11: Toxicological information

## 11.1.4. Toxicological Information

	No data available
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## SECTION 12: Ecological information

## Further information

	No constituent has yet been assigned a risk phrase pertaining to ecological effects (R50 to R59) or the symbol N.
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**SECTION 13: Disposal considerations****General information**

Dispose of in compliance with all local and national regulations.

**SECTION 14: Transport information****14.1. UN number**

The product is not classified as dangerous for carriage.

**14.2. UN proper shipping name**

The product is not classified as dangerous for carriage.

**14.3. Transport hazard class(es)**

The product is not classified as dangerous for carriage.

**14.4. Packing group**

The product is not classified as dangerous for carriage.

**14.5. Environmental hazards**

The product is not classified as dangerous for carriage.

**14.6. Special precautions for user**

The product is not classified as dangerous for carriage.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

The product is not classified as dangerous for carriage.

**Further information**

The product is not classified as dangerous for carriage.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Regulations**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

**Further information**

For this product a chemical safety assessment was not carried out.

**SECTION 16: Other information****Further information**

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

**HMIS LABELLING**

All components are TSCA compliant.

HEALTH 0, FLAMMABILITY 0, PHYSICAL HAZARD 0.