



SAFETY DATA SHEET

CS500 EPOXY MORTAR RAPID SET - CURATIVE

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	CS500 EPOXY MORTAR RAPID SET - CURATIVE
PRODUCT NO.	10865
APPLICATION	Curative component of a two part epoxy floor repair mortar
SUPPLIER	Tremco illbruck Production Ltd Coupland Rd Hindley Green Wigan WN2 4HT England Phone: +44 (0) 1942 251400 Fax: +44 (0) 1942 521923 msds@tremco-illbruck.com
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2 HAZARDS IDENTIFICATION

Causes burns.

May cause sensitisation by skin contact.

Harmful in contact with skin and if swallowed.

Possible risk of impaired fertility.

Possible risk of harm to the unborn child.

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION Xn;R21/22. Rep 3;R62, R63. C;R34. R43. N;R50/53.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
2-PIPERAZIN-1-YLETHYLAMINE	205-411-0	140-31-8	30-60%	C;R34 Xn;R21/22 R43 R52/53
NONYLPHENOL	246-672-0	25154-52-3	30-60%	Repr. Cat. 3;R62,R63 C;R34 Xn;R22 N;R50/53

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION

Product is highly corrosive, and can cause burns and serious eye damage. Immediate first aid and medical attention is imperative.

INHALATION

Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position. Get medical attention if any discomfort continues.

INGESTION

DO NOT INDUCE VOMITING! Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious.

SKIN CONTACT

Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

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5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

The product is non-combustible.

Use fire-extinguishing media appropriate for surrounding materials.

SPECIAL FIRE FIGHTING PROCEDURES

If risk of water pollution occurs, notify appropriate authorities.

UNUSUAL FIRE & EXPLOSION HAZARDS

May develop highly toxic or corrosive fumes if heated.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of vapours and contact with skin and eyes.

ENVIRONMENTAL PRECAUTIONS

Do not allow ANY environmental contamination.

SPILL CLEAN UP METHODS

Provide ventilation and confine spill. Do not allow runoff to sewer. Collect with absorbent, non-combustible material into suitable containers.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Read and follow manufacturer's recommendations. Avoid spilling, skin and eye contact. Pregnant women should not work with the product, if there is the least risk of exposure.

STORAGE PRECAUTIONS

May attack some plastics, rubber and coatings. Store in tightly closed original container in a dry, cool and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate ventilation.

RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided.

HAND PROTECTION

Use protective gloves made of: Rubber, neoprene or PVC.

EYE PROTECTION

Wear tight-fitting goggles or face shield.

OTHER PROTECTION

Provide eyewash, quick drench. Wear appropriate clothing to prevent any possibility of skin contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Viscous liquid

COLOUR

Varying

ODOUR

Amine.

SOLUBILITY

Insoluble in water

BOILING POINT (°C)

> 200°C

RELATIVE DENSITY

> 1

FLASH POINT (°C)

> 100°C

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VOLATILE ORGANIC COMPOUND 0 g/litre
(VOC)

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Water, moisture.

MATERIALS TO AVOID

Acids, oxidising. Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

Toxic gases/vapours/fumes of: Carbon monoxide (CO). Oxides of: Nitrogen.

11 TOXICOLOGICAL INFORMATION

GENERAL INFORMATION

Possible reproductive impact.

HEALTH WARNINGS

This chemical may cause skin/eye irritation and burns (corrosive). Contains a known or suspected reprotoxic (Nonylphenol)

ROUTE OF ENTRY

Inhalation. Skin absorption. Ingestion. Skin and/or eye contact.

MEDICAL SYMPTOMS

Irritation of eyes and mucous membranes. Skin irritation.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Dangerous for the environment if discharged into watercourses.

BIOACCUMULATION

Medium potential for bioaccumulation

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Waste product is classified as Hazardous Waste

Contaminated rags etc are also hazardous waste, as are uncleaned cans.

DISPOSAL METHODS

Contact specialist disposal companies.

In the UK refer to the Hazardous Waste Regulations (2005)

WASTE CLASS

Hazard classification: H8 EWC Code: 08 04 09

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME

CORROSIVE LIQUID N.O.S (Cycloaliphatic amine)

UN NO. ROAD

1760

ADR CLASS NO.

8

ADR CLASS

Class 8: Corrosive substances.

ADR PACK GROUP

III

CS500 EPOXY MORTAR RAPID SET - CURATIVE

TUNNEL RESTRICTION CODE	(E)	ADR LABEL NO.	8
UN NO. SEA	1760	IMDG CLASS	8
IMDG PACK GR.	III	MARINE POLLUTANT	



UN NO. AIR	1760	AIR CLASS	8
AIR PACK GR.	III		

15 REGULATORY INFORMATION

LABELLING



Corrosive



Harmful



Dangerous for the environment

CONTAINS

2-PIPERAZIN-1-YLETHYLAMINE
NONYLPHENOL

RISK PHRASES

R34	Causes burns.
R43	May cause sensitisation by skin contact.
R21/22	Harmful in contact with skin and if swallowed.
R62	Possible risk of impaired fertility.
R63	Possible risk of harm to the unborn child.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES

S25	Avoid contact with eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S57	Use appropriate containment to avoid environmental contamination.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

UK REGULATORY REFERENCES

Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 ("CHIP 4")

EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC.

16 OTHER INFORMATION

REVISION COMMENTS

NOTE: Lines within the margin indicate significant changes from the previous revision.

REVISION DATE	15/12/2009
REV. NO./REPL. SDS GENERATED	10/06/2008
SDS NO.	10883

CS500 EPOXY MORTAR RAPID SET - CURATIVE

RISK PHRASES IN FULL

R34	Causes burns.
R22	Harmful if swallowed.
R21/22	Harmful in contact with skin and if swallowed.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R43	May cause sensitisation by skin contact.
R63	Possible risk of harm to the unborn child.
R62	Possible risk of impaired fertility.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.