



# SAFETY DATA SHEET

## CS300 PU SCREED (formerly MONOFLOOR ST) - CURATIVE

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

PRODUCT NAME	CS300 PU SCREED (formerly MONOFLOOR ST) - CURATIVE
PRODUCT NO.	10870
APPLICATION	Floor screed component
SUPPLIER	Tremco illbruck Coatings Ltd Coupland Rd Hindley Green Wigan WN2 4HT England Phone: +44 (0) 1942 251400 Fax: +44 (0) 1942 521923 msds@tremco-illbruck.com
EMERGENCY TELEPHONE	+44 (0) 1942 251400 (UK)

### 2 HAZARDS IDENTIFICATION

Harmful by inhalation.  
 Irritating to eyes, respiratory system and skin.  
 May cause sensitisation by inhalation and skin contact.  
 Limited evidence of a carcinogenic effect.  
 Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
 CLASSIFICATION (1999/45) Xn;R20, R48/20. Carc. Cat. 3;R40. R42/43. Xi;R36/37/38.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
DIPHENYLMETHANEDIISOCYANATE - Isomers & homologues		9016-87-9	60-100%	Xn;R20,R48/20. Carc. Cat. 3;R40. Xi;R36/37/38. R42/43.

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

### 4 FIRST-AID MEASURES

**INHALATION**  
 Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

**INGESTION**  
**DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!** Rinse mouth thoroughly. Drink plenty of water. Get medical attention immediately!

**SKIN CONTACT**  
 Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

**EYE CONTACT**  
 Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

### 5 FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA**  
 Small fires:

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Powder.

Foam.

DO NOT use water if avoidable.

Larger fires:

Water spray.

## SPECIAL FIRE FIGHTING PROCEDURES

Do not get water inside container. Water spray should be used to cool containers.

## UNUSUAL FIRE & EXPLOSION HAZARDS

If heated, volume and pressure increases strongly, resulting in explosion of container.

## SPECIFIC HAZARDS

In case of fire, toxic and corrosive gases may be formed.

## PROTECTIVE MEASURES IN FIRE

Use air-supplied respirator during fire fighting.

## 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 discharge into drains, water courses or onto the ground.

### SPILL CLEAN UP METHODS

Avoid water on spilled material or leaking containers. Collect with absorbent, non-combustible material into suitable containers. If material is contaminated with water containers must be vented. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

### STORAGE PRECAUTIONS

Keep in original container. Store in tightly closed original container in a dry, cool and well-ventilated place. Protect from freezing and direct sunlight.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
DIPHENYLMETHANEDIISOCYANATE - Isomers & homologues	WEL		0.02 mg/m <sup>3</sup> (Sen)		0.07 mg/m <sup>3</sup> (Sen)	Sen, as NCO

WEL = Workplace Exposure Limit.

Sen = Capable of causing respiratory sensitisation.

### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

Must not be handled in confined space without sufficient ventilation.

### RESPIRATORY EQUIPMENT

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

### HAND PROTECTION

Use protective gloves made of: Butyl rubber. Rubber (natural, latex). Neoprene.

### EYE PROTECTION

Wear approved safety goggles. Use face shield in case of splash risk.

### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Dark Brown		
ODOUR	Musty (mouldy).		
SOLUBILITY	Immiscible with water Reacts with water		
BOILING POINT (°C)	>300°C 760 mm Hg	RELATIVE DENSITY	~1.23 @ 20°C
VISCOSITY	~84 mPa.s @ 25°C	FLASH POINT (°C)	220°C Not noted.

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions and recommended use.

### CONDITIONS TO AVOID

Reacts with water forming carbon dioxide which may cause pressure to rise in a sealed container.

### MATERIALS TO AVOID

Acid reactive. Water reactive material.

### HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2). Cyanides. Oxides of: Nitrogen.

## 11 TOXICOLOGICAL INFORMATION

### INHALATION

Harmful by inhalation. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Irritating to respiratory system. May cause sensitisation by inhalation.

### INGESTION

May cause discomfort if swallowed.

### SKIN CONTACT

May cause skin irritation/eczema. May cause sensitisation by skin contact.

### EYE CONTACT

May cause severe irritation to eyes.

### OTHER HEALTH EFFECTS

Carcinogen Category 3.

### TARGET ORGANS

Skin Eyes Respiratory system, lungs

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Little danger to the environment.

### BIOACCUMULATION

Reacts with water. Reaction product has no potential for bioaccumulation.

### DEGRADABILITY

Not biodegradable

### ACUTE FISH TOXICITY

Low toxicity to aquatic organisms

## 13 DISPOSAL CONSIDERATIONS

### GENERAL INFORMATION

Waste product is classified as Hazardous Waste

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

### DISPOSAL METHODS

Contact specialist disposal companies.

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

### WASTE CLASS

EWC Code: 08 05 01 Hazard Classification: H4 H5 H7

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## 14 TRANSPORT INFORMATION

GENERAL	Not regulated. The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
MARINE POLLUTANT	No.

## 15 REGULATORY INFORMATION

### LABELLING



Harmful

### CONTAINS

DIPHENYLMETHANEDIISOCYANATE - Isomers & homologues

### RISK PHRASES

R20	Harmful by inhalation.
R36/37/38	Irritating to eyes, respiratory system and skin.
R40	Limited evidence of a carcinogenic effect.
R42/43	May cause sensitisation by inhalation and skin contact.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.

### SAFETY PHRASES

S23	Do not breathe vapour/spray.
S25	Avoid contact with eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37	Wear suitable protective clothing and gloves.
S38	In case of insufficient ventilation, wear suitable respiratory equipment.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
P4	Contains isocyanates. See information supplied by the manufacturer.

### UK REGULATORY REFERENCES

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

### EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC

### GUIDANCE NOTES

Workplace Exposure Limits EH40.

## 16 OTHER INFORMATION

### REVISION COMMENTS

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

REVISION DATE 18/11/2010

REV. NO./REPL. SDS GENERATED 21/05/2010

SDS NO. 10892

### RISK PHRASES IN FULL

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