



## SAFETY DATA SHEET CS300 PU SCREED - Aggregate

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product Name CS300 PU SCREED - Aggregate  
Product No. 10871

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Floor screed component

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

Supplier: Tremco illbruck Coatings Ltd  
Coupland Rd  
Hindley Green  
Wigan  
WN2 4HT  
England  
Phone: +44 (0) 1942 251400  
Phone: +44 (0) 1942 258011  
Fax: +44 (0) 1942 521923  
msds@tremco-illbruck.com

#### 1.4. Emergency telephone number

+44 (0) 1942 251400 (9am - 5pm UK)

### SECTION 2: HAZARDS IDENTIFICATION

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

Classification (1999/45/EEC) Xi;R38, R41. R43.

##### Human Health

The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals in contact with skin.

Contains Chromium VI which may cause sensitisation.

Prolonged contact with wet cement/mixture may cause burns.

Dust may irritate the eyes and the respiratory system.

#### 2.2. Label elements

Contains: PORTLAND CEMENT

##### Labelling



Irritant

##### Risk Phrases

R38 Irritating to skin.  
R41 Risk of serious damage to eyes.  
R43 May cause sensitisation by skin contact.

##### Safety Phrases

S22 Do not breathe dust.  
S24/25 Avoid contact with skin and eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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S28  
S36/37/39

After contact with skin, wash immediately with plenty of water.  
Wear suitable protective clothing, gloves and eye/face protection.  
Skin contact with wet cement, fresh concrete or mortar may cause irritation, dermatitis or burns.

## 2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

CALCIUM DIHYDROXIDE	< 10%
CAS-No.: 1305-62-0	EC No.: 215-137-3
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Dam. 1 - H318	Classification (67/548/EEC) Xi;R38,R41.
PORTLAND CEMENT	5 - 15%
CAS-No.: 65997-15-1	EC No.: 266-043-4
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Dam. 1 - H318, H319 Eye Irrit. 2 - H318, H319 Skin Sens. 1 - H317 STOT Single 3 - H335	Classification (67/548/EEC) Xi;R36/37/38,R41. R43.
SILICA	> 30%
CAS-No.: 14808-60-7	EC No.: 238-878-4
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

#### Composition Comments

Soluble chromium VI level is less than 0.0002% provided product is stored as recommended and used before the date on the package.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

Inhalation.

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion

DO NOT induce vomiting. Get medical attention immediately.

Skin Contact

Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Get medical attention if irritation persists after washing.

Eye Contact

May cause permanent damage if eye is not immediately irrigated. Continue to rinse for at least 15 minutes and get medical attention.

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

Inhalation.

Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.

Ingestion

May cause chemical burns in mouth and throat.

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Skin Contact

Severe irritation. Burns can occur.

Eye Contact

Extreme irritation of eyes and mucous membranes, including burning and tearing. Corneal damage.

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

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

## **SECTION 5: FIREFIGHTING MEASURES**

### **5.1. Extinguishing media**

Extinguishing Media

The product is non-combustible.

### **5.2. Special hazards arising from the substance or mixture**

Hazardous Combustion Products

None under normal conditions.

### **5.3. Advice for firefighters**

Special Fire Fighting Procedures

No specific fire fighting procedure given.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Avoid inhalation of dust. Avoid contact with skin and eyes.

### **6.2. Environmental precautions**

Do not discharge into drains, water courses or onto the ground.

### **6.3. Methods and material for containment and cleaning up**

Avoid dust formation. Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like.

### **6.4. Reference to other sections**

Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards. For waste disposal, see section 13.

## **SECTION 7: HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

Avoid handling which leads to dust formation. Provide good ventilation.

### **7.2. Conditions for safe storage, including any incompatibilities**

Store in closed original container in a dry place.

### **7.3. Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1. Control parameters**

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
PORTLAND CEMENT	WEL		4 mg/m <sup>3</sup>		10 mg/m <sup>3</sup>	
SILICA	WEL		6 mg/m <sup>3</sup>			

WEL = Workplace Exposure Limit.

### **8.2. Exposure controls**

Protective Equipment

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## Respiratory Equipment

Dust masks should be worn.

## Hand Protection

Wear protective gloves.

## Eye Protection

Use eye protection.

## Other Protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	Powder, dust
Colour	Grey
Solubility	Slightly soluble in water.
pH-Value, Conc. Solution	~11 - 14

### 9.2. Other information

Not determined.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

The product will harden into a hard mass in contact with water and moisture.

### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

### 10.3. Possibility of hazardous reactions

Not determined.

### 10.4. Conditions to avoid

Water, moisture.

### 10.5. Incompatible materials

Materials To Avoid

Strong acids.

### 10.6. Hazardous decomposition products

Not known.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Inhalation

Dust may irritate respiratory system or lungs.

Ingestion.

May cause chemical burns in mouth, oesophagus and stomach.

Skin Contact

Contact with wet cement may cause irritation, dermatitis or burns May cause skin irritation/eczema.

Eye Contact

Strongly corrosive. Causes severe burns. Immediate first aid is imperative.

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

High concentrations in water will cause pH to rise which may cause harm to aquatic life.

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## **12.1. Toxicity**

Acute Fish Toxicity

Moderate toxicity to aquatic organisms

## **12.2. Persistence and degradability**

Degradability:

The product is not biodegradable.

## **12.3. Bioaccumulative potential**

Bioaccumulative Potential:

May accumulate in soil and water systems.

## **12.4. Mobility in soil**

Mobility:

The product contains substances, which may accumulate in sediment.

## **12.5. Results of PBT and vPvB assessment**

Not Classified as PBT/vPvB by current EU criteria.

## **12.6. Other adverse effects**

Not determined.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **13.1. Waste treatment methods**

Dispose of empty bags as builder's waste

Dispose of waste and residues in accordance with local authority requirements.

Waste Class

EWC Code : 08 01 99

## **SECTION 14: TRANSPORT INFORMATION**

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### **14.1. UN number**

Not applicable.

### **14.2 UN Proper shipping name**

Not applicable.

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

Not applicable.

### **14.4. Packing group**

Not applicable.

### **14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant

No.

### **14.6. Special precautions for user**

Not applicable.

### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

## **SECTION 15: REGULATORY INFORMATION**

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Uk Regulatory References

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

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Guidance Notes

Workplace Exposure Limits EH40.

EU Legislation

Dangerous Preparations Directive 1999/45/EC.

## **15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out.

### **SECTION 16: OTHER INFORMATION**

Revision Comments

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

Revision Date 29/07/2011

Supersedes Date 21/05/2010

SDS No. 10893

Risk Phrases In Full

R36/37/38 Irritating to eyes, respiratory system and skin.

R38 Irritating to skin.

R43 May cause sensitisation by skin contact.

R41 Risk of serious damage to eyes.

Hazard Statements In Full

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.