

SAFETY DATA SHEET CS CONCRETE

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

PRODUCT NAME CS CONCRETE

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PRODUCT NO. TG 08 (SDS 225)

2 HAZARDS IDENTIFICATION

Irritating to skin. Risk of serious damage to eyes.

CLASSIFICATION (1999/45) Xi;R38, R41.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
PORTLAND CEMENT	266-043-4	65997-15-1	30-60%	Xi;R38,R41.
SILICA SAND	238-878-4	14808-60-7	60-100%	-

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

4 FIRST-AID MEASURES

GENERAL INFORMATION

Remove affected person from source of contamination.

NOTES TO THE PHYSICIAN

If ingested give milk or calcium gluconate by mouth.

INHALATION

Unlikely route of exposure as the product does not contain volatile substances.

INGESTION

Immediately rinse mouth and drink plenty of water (200-300 ml). Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and bring along these instructions.

SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water for several minutes.

EYE CONTACT

May cause permanent damage if eye is not immediately irrigated. Immediately flush with plenty of water or eyewash solution for up to 10 minutes. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

The product is non-combustible.

SPECIAL FIRE FIGHTING PROCEDURES

N/A.

UNUSUAL FIRE & EXPLOSION HAZARDS

N/A.

SPECIFIC HAZARDS

N/A.

CS CONCRETE

PROTECTIVE MEASURES IN FIRE

N/A

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses.

SPILL CLEAN UP METHODS

Avoid generation and spreading of dust. Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

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

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place. Keep in original container.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
PORTLAND CEMENT	WEL		4 mg/m ³			
SILICA SAND	WEL		0,1 mg/m ³			

WEL = Workplace Exposure Limit.

INGREDIENT COMMENTS

Provide good ventilation and local exhaust in working area

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of dust.

RESPIRATORY EQUIPMENT

In case of inadequate ventilation and work of brief duration, use suitable respiratory equipment.

HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES

Use appropriate hand lotion to prevent defatting and cracking of skin. Wash at the end of each work shift and before eating, smoking and using the toilet.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Granules, Powder
COLOUR	Grey
ODOUR	Odourless
pH-VALUE, CONC. SOLUTION	Approximately 12 to 13 in Aqueous Mix

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

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CONDITIONS TO AVOID

Avoid contact with water.

HAZARDOUS POLYMERISATION

Will not polymerise.

POLYMERISATION DESCRIPTION

Not relevant

MATERIALS TO AVOID

Strong acids.

11 TOXICOLOGICAL INFORMATION

INHALATION

May cause irritation to the respiratory system.

INGESTION

May cause chemical burns in mouth and throat.

SKIN CONTACT

Powder may irritate skin.

EYE CONTACT

Risk of serious damage to eyes.

HEALTH WARNINGS

This substance is a moderate irritant.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

MOBILITY

The product hardens to a solid immobile substance.

BIOACCUMULATION

Bioaccumulation is unlikely to be significant because of the low water solubility of this product.

DEGRADABILITY

This product mainly consists of inorganic compounds which are not biodegradable. The remaining substances of the product are expected to be not readily biodegradable.

ACUTE FISH TOXICITY

Not considered toxic to fish.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

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

14 TRANSPORT INFORMATION

GENERAL	Not regulated.
	No transport warning sign required.
ROAD TRANSPORT NOTES	Not Classified
RAIL TRANSPORT NOTES	Not classified.
SEA TRANSPORT NOTES	Not classified.
AIR TRANSPORT NOTES	Not classified.

15 REGULATORY INFORMATION

LABELLING



Irritant

RISK PHRASES

R38 Irritating to skin.

CS CONCRETE

SAFETY PHRASES	R41	Risk of serious damage to eyes.
	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.
	S37/39	Wear suitable gloves and eye/face protection.
	S60	This material and its container must be disposed of as hazardous waste.

UK REGULATORY REFERENCES

The Control of Substances Hazardous to Health Regulations 1988.

EU DIRECTIVES

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning 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, including amendments.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

NATIONAL REGULATIONS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689. Workplace Exposure Limits 2005 (EH40)
Control of Substances Hazardous to Health Regulations 2002 (as amended)

16 OTHER INFORMATION

REVISION DATE 28/01/2011

REV. NO./REPL. SDS GENERATED 6

SDS NO. 225

RISK PHRASES IN FULL

R38	Irritating to skin.
NC	Not classified.
R41	Risk of serious damage to eyes.

DISCLAIMER

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.