



The Chemical Company

SAFETY DATA SHEET
PCI ZEM TEC 1K

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME	PCI ZEM TEC 1K
PRODUCT NO.	153909
APPLICATION	Cement-Composite-Flag floor finish
SUPPLIER	BASF Construction Chemicals UK Limited Albany House Swinton Hall Road Swinton Manchester M274DT +44(0)161 794 7411
CONTACT PERSON	EHSQ Officer
EMERGENCY TELEPHONE	Telephone: 0161 794 7411. If outside normal working hours, please listen to answer machine message for emergency contact numbers.

2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
Portland Cement	266-043-4	65997-15-1	< 5 %	Xi;R38,R41.

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

COMPOSITION COMMENTS

Modified sand - cement mixture

3 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

4 FIRST-AID MEASURES

GENERAL INFORMATION

This product contains cement. Cement produces an alkaline reaction with moisture or gauging water and therefore splashes of mortar, slurry or gauging water may cause skin irritation and/or caustic burns to mucous membranes (e. g. eyes). Avoid contact with eyes and prolonged skin contact.

INHALATION

Fresh air. Get medical attention if any discomfort continues.

INGESTION

Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues.

SKIN CONTACT

Wash the skin immediately with soap and water.

EYE CONTACT

Important! Immediately rinse with water for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

The product is non-combustible.

PROTECTIVE MEASURES IN FIRE

No special measures required.

6 ACCIDENTAL RELEASE MEASURES

PCI ZEM TEC 1K**PERSONAL PRECAUTIONS**

Avoid inhalation of dust.

ENVIRONMENTAL PRECAUTIONS

No special measures required.

SPILL CLEAN UP METHODS

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

7 HANDLING AND STORAGE**USAGE PRECAUTIONS**

Avoid spread of dust.

STORAGE PRECAUTIONS

No specific storage precautions noted.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION**INGREDIENT COMMENTS**

MAK: Lower toxic limit for cement 5 mg/m³. OES-LTEL: 4 R / 10 l mg/m³. Otherwise the product contains no relevant quantities of substances with workplace-related limit values.

ENGINEERING MEASURES

Not relevant.

RESPIRATORY EQUIPMENT

Respiratory protection not required.

HAND PROTECTION

Nitrile impregnated cotton-gloves. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

EYE PROTECTION

Wear goggles/face shield.

OTHER PROTECTION

The usual precautionary measures when handling chemicals should be adhered to. The product contains < 2 ppm Cr VI.

HYGIENE MEASURES

When using do not eat, drink or smoke. Wash hands after handling. Use appropriate skin cream to prevent drying of skin.

SKIN PROTECTION

Protection suit must be worn.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Powder, dust		
COLOUR	Grey		
ODOUR	Almost odourless		
SOLUBILITY	Miscible with water.		
BOILING POINT (°C)	not applicable	MELTING POINT (°C)	not determined
pH-VALUE, DILUTED SOLUTION	12 - 13	FLASH POINT (°C)	not applicable
SOLUBILITY VALUE (g/100g H ₂ O@20°C)	< 0,2		

10 STABILITY AND REACTIVITY**STABILITY**

Stable when stored in a dry place.

HAZARDOUS DECOMPOSITION PRODUCTS

No hazardous decomposition products.

11 TOXICOLOGICAL INFORMATION**TOXICOLOGICAL INFORMATION**

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version: Irritant

PCI ZEM TEC 1K

GENERAL INFORMATION

When used and handled according to specifications, the product does not have any harmful effects in our experience and according to the information provided to us. The product does not contain asbestos or any other mineral fibres or inhalable fine quartz dust hazardous to health and causing silicosis. The product is chlorine-free and contains no formaldehyde.

SKIN CONTACT

Prolonged contact may cause redness and irritation.

EYE CONTACT

May cause temporary eye irritation.

HEALTH WARNINGS

The product is reduced in chromate (contains < 2 ppm Cr VI). Within the indicated storage time sensitization is not expected.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Do not allow product to reach ground water, water bodies or sewage system. No ecological studies are available. Harmful effects on man and environment are unknown and are not to be expected when application is in accordance with the instructions and the advice in this Safety Data Sheet. When handled properly and used as intended the product has no ecotoxic effects on the basis of our significant experience in ready-to-use cement mortars and chemical building materials and the information available to us.

WATER HAZARD CLASSIFICATION

WGK 1

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Smaller quantities can be disposed of with household waste.

DISPOSAL METHODS

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

WASTE CLASS

EWC: 01 04 10 dusty and powdery wastes other than those mentioned in 01 04 07.

14 TRANSPORT INFORMATION

GENERAL

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

15 REGULATORY INFORMATION

RISK PHRASES

NC Not classified.

SAFETY PHRASES

NC Not classified.

EU DIRECTIVES

The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials.

NATIONAL REGULATIONS

General note on products containing cement: This product contains cement. Cement produces an alkaline reaction with moisture or gauging water and therefore splashes of mortar, slurry or gauging water may cause skin irritation and/or caustic burns to mucous membrane (e.g. eyes). Avoid contact with eyes and prolonged skin contact. In case of skin or eye contact thoroughly rinse with plenty of water. For eyes get prompt medical attention. Keep out of children's reach. Low in chromates (contains < 2ppm Cr VI)

16 OTHER INFORMATION

GENERAL INFORMATION

This data is based on our present knowledge. However, it shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

REVISION DATE 22/09/06

RISK PHRASES IN FULL

R38 Irritating to skin.

R41 Risk of serious damage to eyes.