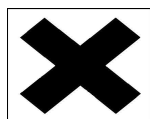


PROTECTOSIL CIT

Irritant

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

Product Name	PROTECTOSIL® CIT
Recommended use	Corrosion inhibitor
Manufacturer / Distributor	BASF Construction Chemical UK Ltd Albany House, Swinton Hall Road, Swinton, Manchester, M27 4DT Tel: + 44 161 794 7411 - Fax: +44 161 727 8547
Emergency information	UK : Tel: + 44 161 794 7411

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characteristics	Emulsion of silanes
Hazardous components	
Silicon compound	Conc: > 20 % - Xi - R38
2-Diethylaminoethanol	Conc: < 5 % - EINECS: 202-845-2 - CAS: 100-37-8 - C Xn - R10, R20/21/22, R34

3. HAZARDS IDENTIFICATION

Risks	R38 - Irritating to skin.
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4. FIRST AID MEASURES

Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Skin contact	Remove and wash contaminated clothes. Wash off with soap and plenty of water. Get medical attention if irritation persists.
Inhalation	Remove affected person to fresh air. In case of breathing difficulty or distress, get medical attention.
Ingestion	If accidentally swallowed drink plenty of water and obtain medical attention.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Water spray, foam, carbon dioxide, dry powder
Extinguishing media which must not be used for safety reasons	Water jet
Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases	None known
Protective equipment	Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation. Use personal protective equipment.
Environmental precautions	Do not discharge product into drains and sewers. Avoid subsoil penetration.
Methods for cleaning up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

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Dispose according to local regulations.

7. HANDLING AND STORAGE

Handling

Use only in well-ventilated areas. Do not inhale vapours.

Avoid spilling, skin and eye contact. Observe industrial safety and hygiene practice.

Take steps against static build-up. Keep away from heat and all sources of ignition.

Storage

Keep containers tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits values

not determined

Exposure controls :

Occupational exposure controls

Provide adequate ventilation or air evacuation at workplace.

Environmental exposure controls

not determined

Personal protection :

Respiratory protection

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

Do not inhale vapours. / Do not inhale aerosol.

Hand protection

rubber gloves

Eye protection

safety glasses

Skin and body protection

protective suit

Wash hands before breaks and after finishing work.

Do not eat, drink or smoke at workplace.

Avoid contact with skin and eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

liquid

Colour

colourless to yellowish

Odour

characteristic

Density

approx. 0,882 g/cm³ at 20 °C - Method: DIN 51757

Bulk density

not determined

pH

11 at 20 °C (1000 g/l)

Flash point

62 °C - Method: DIN 51755

Autoignition temperature

not determined

Vapour pressure

0,68 hPa at 25 °C

Water solubility

not miscible

Viscosity

not determined

Explosion limits :

- upper

8,47 % (V) (150°C) - Method: DIN 51649

- lower

0,39 % (V) (98 °C) - Method: DIN 51649

Decomposition temperature

not determined

Boiling point/range

approx. 186 °C (1013 hPa) - Method: DIN 51751

Other data

Melting point < - 65°C

10. STABILITY AND REACTIVITY

Conditions to avoid

wet and humid areas.

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Materials to avoid

water, moisture

Hazardous decomposition products

Decomposition by contact with water may generate vapours which can be ignited by heat or open flame. (Ethanol)

11. TOXICOLOGICAL INFORMATION

Acute toxicity :

not determined

LD50 oral rat

LD50 dermal rat

LD50 dermal rabbit

LC50 inhalation rat

Acute effects/symptoms :

After eye contact

After skin contact

After inhalation

After ingestion

Irritating to skin.

Chronic effects

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Do not discharge product into drains and sewers.

13. DISPOSAL CONSIDERATIONS

Product

Re-use where possible. Dispose according to local regulations for construction materials.

Packaging

Dispose according to local regulations.

14. TRANSPORT INFORMATION

General

This product is not classified as dangerous in the meaning of transport regulations.

Road transport - ADR

Railway transport - RID

Sea transport - IMDG

Air transport - ICAO/IATA

15. REGULATORY INFORMATION

Labelling

Xi - Irritant

R-phrases)

R38 - Irritating to skin.

S-phrases)

S24 - Avoid contact with skin.

16. OTHER INFORMATION

Further information

Relevant changes

R-phrases of components

R10 - Flammable.

R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.

R34 - Causes burns.

R38 - Irritating to skin.

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Important Note

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.
