

HIGHWAY CA1

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

Product Name Highway CA1
Use Cementitious quick setting mortar
Company Tecroc Products Ltd
Holly Lane Ind Est
Atherstone,
Warks, CV9 2RN
Telephone 01827 711755
Fax 01827 711330
email enquiries@tecroc.co.uk

2. COMPOSITION / INFORMATION ON INGREDIENTS.

Mixture of silica sands and surfactant not classified as hazardous. Calcium Aluminate Cements CAS 65997-16-2, EEC-Symbol Xi. R Phrases 36/37/38,41.

3. HAZARDS IDENTIFICATION

Irritating to eyes, respiratory system and skin.
Risk of serious damage to eyes.

4. FIRST AID MEASURES

Eye Contact

Rinse immediately with water for at least 15 minutes. If irritation persists get medical attention.

Skin contact

Wash with soap and water.

Inhalation

Move into fresh air.

Ingestion

Wash mouth with plenty of water. **DO NOT** induce vomiting. In case of spontaneous vomiting ensure vomit can drain freely to avoid suffocation. Seek medical attention.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

None required as not flammable.

Exposure Hazards

None as not flammable

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Wear suitable protective clothing, gloves and eye/face protection.

Environmental Precautions

Prevent contamination of soil, drains and surface water.

Methods for Cleaning

Take up material. Avoid air born dust. Place in closable containers. Dispose of as waste.

7. HANDLING AND STORAGE

Handling

Ensure adequate ventilation. Do not breathe dust and avoid eye contact.

Storage

Keep in original container. Keep dry.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Protective Measures

No special measures required.

Occupational Exposure Measures

Amorphous Silica 8Hour TWA; Total inhalable dust OES 6mg/m₃ Respirable dust OES 2.4mg/m₃

Respiratory Protection

In case of insufficient ventilation wear suitable respiratory equipment.

Hand Protection

Wear suitable gloves (eg PVC)

Eye Protection

Wear suitable safety glasses to BSEN 166.

Skin Protection

Wear overalls and closed footwear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Melting Point/Range	N/A
Boiling Point/Range	N/A
Oxidising Properties	N/A
Autoflammability	N/A
Solubility in Water	Forms alkaline mixture
Vapour Pressure	N/A
Partition Coefficient	N/A
Explosive Properties	N/A
Appearance	Grey-brown granular powder
Odour	None
Density	Bulk Density 1.5-1.8 approx
Flashpoint	N/A
Ignition	N/A
pH Value	>7 when in aqueous mix
Viscosity	N/A

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10. STABILITY AND REACTIVITY

Stability	Stable
Conditions to avoid	None known
Materials to avoid	None known
Hazardous Decomposition	
Products	None known

11. TOXICOLOGICAL INFORMATION

Toxicological information not available. Well known health effects are available industrially.

Health Effects

Eyes

Can cause irritation.

Skin

Causes irritation when wet. Repeated exposure can cause contact dermatitis.

Inhalation

Causes respiratory irritation.

Ingestion

Causes irritation of the mouth, throat and digestive tract.

Chronic

Respirable dust fraction, if inhaled over a prolonged period, constitutes a health hazard. Such inhalation can give rise to fibrosis of the lung.

Other

When mixed with water, alkali is released. Precautions should be taken to prevent dry material entering eyes, mouth and nose and to prevent skin contact with wet mixed material.

12. ECOLOGICAL INFORMATION

Prevent contamination of soil, drains or surface water.

Mobility	Granular powder
Solubility	Forms aqueous mixture
Persistence and Degradability	Once set, long term stable.
Bioaccumulative Potential	Once set, long term stable.

13. DISPOSAL CONSIDERATIONS

For large quantities disposal must be carried out under guidance from local and national legislation. Small quantities can be disposed of as common waste via a licensed waste contractor.

14. TRANSPORT INFORMATION

Not classified as dangerous for transport

15. REGULATORY INFORMATION

Symbol Xi

Contains

Calcium Aluminate Cements.

Risk Phrases

R36/37/38 Irritating to eyes, respiratory system and skin. R41 risk of serious damage to eyes.

Safety Phrases

S1/2 Keep locked up and out of the reach of children. 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. S28 After contact with skin wash with plenty of water. S37/39 Wear suitable gloves and eye/face protection.

16. OTHER INFORMATION

These data sheets are given in connection with the product being used for the purposes outlined in the Product Technical Data Sheet, available from Tecroc Products Ltd on request. Use of the above product for other purposes may result in risks not given above.

If the product is to be used by a third party at work, it is the duty of the initial recipient to ensure that the third party is supplied with the data given above.

Employers have the duty to inform employees and others who may be effected of any hazards given in the data above and any precautions which should be adopted.

Users of the product should undertake their own assessment of work place risks as required by the Health and Safety Legislation.

Further copies of this Safety Data Sheet are available from Tecroc Products Ltd

Safety Data Sheet According to Directive 91/155/EEC CHIP Regulations.

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