

SAFETY DATA

SDS No 62

SILICATE FLOOR HARDENER

Issue 4 December 2004

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

Product Name Silicate Floor Hardener.
Use Concrete surface hardener and curing agent
Company Tecroc Products Ltd
Holly Lane Ind Est
Atherstone,
Warks, CV9 2RN
Telephone 01827 711755
Fax 01827 711330

2. COMPOSITION / INFORMATION ON INGREDIENTS.

Sodium silicate solution CAS 1344-09-8
EEC – symbol Xi R Phrases 38, 41

3. HAZARDS IDENTIFICATION

Irritating to skin.
Risk of serious damage to eyes.

4. FIRST AID MEASURES

Eye Contact

Rinse immediately with water for at least 15 minutes. Get medical attention urgently.

Skin contact

Wash with soap and water. Remove contaminated Clothing. If large area of the skin is damaged or if Irritation persists, seek medical attention.

Inhalation

Move into fresh air. If recovery is not rapid seek medical attention.

Ingestion

Give plenty of water to drink. Get immediate medical attention. DO NOT induce vomiting. In case of spontaneous vomiting ensure vomit can drain freely to avoid suffocation.

5. FIRE FIGHTING MEASURES

Product is water based and non flammable.

Suitable Extinguishing Media

N/A

Unsuitable Extinguishing Media

N/A

Exposure Hazards

Prevent contaminated water from entering drains, soil or surface water. Dispose of all contaminated water and soil according to local and national regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Do not breathe spray. Wear suitable protective clothing and eye/face protection.

Environmental Precautions

Prevent contamination of soil, drains and surface water.

Methods for Cleaning

Take up with absorbent inert material. Place in closable containers. Dispose of as waste.

7. HANDLING AND STORAGE

Handling

Ensure adequate ventilation. Wear suitable protective clothing and eye/face protection.

Storage

Keep in original container. Keep at room temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Protective Measures

No special measures required.

Occupational Exposure Measures

Non assigned.

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 BS 2029

Skin Protection

Wear overalls and closed footwear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Melting Point/Range	0 to -4°C
Boiling Point/Range	100°C
Oxidising Properties	N/A
Autoflammability	N/A
Solubility in Water	Miscible in all Proportions..
Vapour Pressure	As water.
Partition Coefficient	N/A
Explosive Properties	N/A
Appearance	Clear liquid.
Odour	None
Density	3.5gm/cc Approx
Flashpoint	N/A
Ignition	N/A
pH Value	12 approx
Viscosity	N/A

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10. STABILITY AND REACTIVITY

Stability	Stable
Conditions to avoid	None known
Materials to avoid	Aluminium, zinc and their alloys.
Hazardous Decomposition Products	Alkaline spray.

11. TOXICOLOGICAL INFORMATION

Information used to assess health effects:
Based on long term experience of the use of this product type.

Health Effects

Eyes

Can cause burns.

Skin

Can cause irritation.

Inhalation

Can cause respiratory irritation.

Ingestion

Irritation to mouth, throat and digestive tract.

Chronic

Non known.

Other

Non known.

12. ECOLOGICAL INFORMATION

Prevent contamination of soil, drains or surface water.

Mobility	Mobile liquid
Solubility	Miscible in all proportions.
Persistence and Degradability	Not readily expected to be readily biodegradable.
Bioaccumulative Potential	Expected to be bioaccumulative.

13. DISPOSAL CONSIDERATIONS

Disposal must be carried out under guidance from local and national legislation.

Waste From Residues/Unused Product:
Dispose of via a licenced waste disposal Site.

Contaminated Packaging:
Dispose of via a licenced waste contractor.

14. TRANSPORT INFORMATION

Not classified as dangerous for transport.

15. REGULATORY INFORMATION

Symbol Xi

Risk Phrases

R38 Irritating to skin. R41 Risk of serious damage to eyes.

Safety Phrases

S1/2 Keep locked up and out of reach of children.
S23 Do not breathe spray.
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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