

# MATERIAL SAFETY DATA SHEET

## CONCRETE ETCH

### 1. Identification of the substance/preparation and company.

Product Name	Epoxy Products Concrete Etch
Application	Concrete Etchant
Supplier	Epoxy Products Limited, 7 Ferndown Industrial Estate, Wimborne, Dorset. BH21 7RZ England
Emergency Contact Number	01202 891899

### 2. Composition/Information on Ingredients

**Chemical Nature** Hydrochloric Acid solution

<u>Hazardous Components.</u>	<u>CAS/EINECS</u>	<u>% Content</u>	<u>Classification</u>	<u>Risk Phrases</u>
Hydrochloric Acid 32%	231-595-7	<10	Xi : Harmful	R36, R37, R38

### 3. Hazards Identification

Not classified as a health or environmental hazard under current legislation

### 4. First-aid Measures

INGESTION	:	Do not induce vomiting. Wash out mouth with water. Get medical aid immediately.
INHALATION	:	Remove to fresh air.
SKIN CONTACT	:	Wash with soap and water. Contaminated clothing should be removed and cleaned thoroughly.
EYE CONTACT	:	Flush out eyes with water for 15 minutes. Get medical aid immediately.

### 5. Fire-fighting Measures

Extinguishing Media	Non flammable product
Special Hazards of Product during Fire	Combustion will produce smoke, carbon dioxide and carbon monoxide.
Protective Equipment for Fire-Fighting	Wear full protective clothing and self-contained breathing apparatus.

### 6. Accidental Release Measures

Personal Precautions	Avoid contact with skin, eyes and clothing
Environmental Precautions and Clean-up Methods	Try to prevent the material from entering the drains or water courses.
Spillages	Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal

### 7. Handling and Storage

Suitable	:	Polyethylene Drums only. Wear protective clothing.
Unsuitable	:	Metallic containers
Storage temperatures	:	Ambient. Avoid freezing

### 8. Exposure Controls/Personal Protection

Respiratory Equipment	Not required in well ventilated areas
Hand Protection	Wear rubber gloves or any non permeable gloves
Eye Protection	Wear protective eye glasses or goggles
Hygiene Measures	Wash promptly if skin is in contact. Remove all contaminated clothing. When using do not eat drink or smoke. Wear barrier creams prior to handling this product to prevent drying of skin.

### 9. Physical and Chemical Properties

Appearance	:	Liquid.
Odour	:	Acidic
Water Solubility	:	Soluble
Ph Value	:	Approx. 1

### 10. Stability and Reactivity

Stability	:	Stable under normal temperatures and conditions.
Conditions to avoid	:	Contact with Alkalis /Bleach/ Sodium Hyporchlorite solutions.
Hazardous Decomposition Products	:	Fire creates Carbon Monoxide and Carbon Dioxide. Chlorine gas when mixed with bleach solutions.

### 11. Toxicological Information

INGESTION	:	Poisonous.
INHALATION	:	Concentrations may cause irritation to the respiratory tract.
SKIN	:	Burns to skin on prolonged exposure
EYES	:	Iritation.

### 12. Ecological Information

Bio-Accumulation	:	Unknown
Ecotoxicity	:	Not regarded as dangerous for the environment. However, contamination of the aquatic environment should be avoided

### **13. Disposal Considerations**

Product is controlled by pollution and environmental legislation. Control of Pollution Act 1974

### **14. Transport Information**

General

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

ADR LABEL NUMBER 0  
MARINE POLLUTANT NO

### **15. Regulatory Information**



#### **Xi -Irritant**

Risk Phrases - R	R36	Irritating to eyes
	R37	Irritating to respiratory system
	R38	Irritating to skin
Safety Phrases - S	S2	Keep out of reach of children
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

### **16. Other Information**

This Safety Data Sheet has been written to comply with Directives 91/155/EEC (the "Safety Data Sheet Directive") and 88/379/EEC (the "General Preparations Directive").

Date Issued : 11.10.2010  
Reference : SD/CE/04  
Intended Use : Concrete etching solution.  
Product Code : Epoxy Products Concrete Etch

The information is based on our current knowledge and is intended to describe the product for the purpose of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.