

# MATERIAL SAFETY DATA SHEET

## BRICK CLEANER

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

Product Name : Epoxy Products Brick Cleaner  
Product Type : An acid based detergent cleanser  
Application : For brickwork and concrete cleaning.  
Supplier : Epoxy Products Limited  
Address : Unit 7, Ferndown Industrial Estate, Wimborne, Dorset. BH21 7RZ England  
Contact numbers : 01202 891899  
Emergency Telephone Number : 01202 891899

### 2. Hazards Identification

C : Corrosive  
S2 : Keep out of reach of children  
S24 : Avoid contact with skin.  
S26 : Avoid contact with eyes. In case of contact with eyes rinse immediately with plenty of water. Seek medical attention

### 3. Composition/Information on Ingredients

#### 2.1. Composition/Information on Ingredients

<u>CAS/Registry No.</u>	<u>Material Description</u>	<u>% Content</u>
Substance Formal Name : Hydrochloric Acid 36%		< 40

### 4. First-aid Measures

INGESTION : 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 before re-use.  
EYE CONTACT : Flush out eyes with water for 10 minutes. Get medical aid immediately.

### 5. Fire-fighting Measures

Non flammable product

### 6. Accidental Release Measures

For spillage's dilute with cold water and absorb with sand or earth and store for subsequent disposal. Wash contaminated area with large excess of water. Contact with bleach solutions will cause chlorine gas.

### 7. Handling and Storage

Suitable : Polyethylene Drums only.. Wear protective clothing.  
Unsuitable : No metallic containers  
Storage temperatures : Ambient. Avoid freezing

### 8. Exposure Controls/Personal Protection

**Avoid contact with skin and eyes. Wear protective clothing, goggles, PVC gloves.**

### 9. Physical and Chemical Properties

Appearance : Clear liquid.  
Odour : Acidic  
Water Solubility : Soluble

### 10. Stability and Reactivity

Stability : Stable under normal use.  
Conditions to avoid : Contact with Alkalis /Bleach/ Sodium Hypochlorite solutions.  
Hazardous Decomposition and Combustion Products : Chlorine gas when mixed with bleach solutions.

### 11. Toxicological Information

INGESTION : Poisonous.  
INHALATION : High Concentrations may cause irritation to the respiratory tract.  
SKIN : Burns to skin on prolonged exposure  
EYES : High concentrations of vapour produce transient conjunctival irritation but do not damage the eye tissue.

### 12. Ecological Information

Bio-Accumulation : Unknown  
Ecotoxicity : Unknown

### 13. Disposal Considerations

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

### 14. Regulatory Information

E. C. Classification : Corrosive.

### 15. 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 : 1.04.2008  
Reference : SD/BC/03  
Intended Use : Brick and Concrete cleanser.  
Product Code : Epoxy Products Brick Cleaner

# MATERIAL SAFETY DATA SHEET

## CLEANING SOLVENT

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

Product Name : Epoxy Products Cleaning Solvent  
Product Type : Blend of Hydrocarbon Solvents  
Application : For cleaning tools and equipment.  
Supplier : Epoxy Products Limited  
Address : Unit 7, Ferndown Industrial Estate, Wimborne, Dorset. BH21 7RZ England  
Contact numbers : 01202 891899  
Emergency Telephone Number : 01202 891899

### 2. Hazards Identification

Physical Hazard : Flammable.  
Health Hazard : Harmful by inhalation and in contact with skin. Irritating to skin.

### 3. Composition/Information on Ingredients

<u>CAS/Registry No.</u>	<u>Material Description</u>	<u>% Content</u>
67-63-0	Substance Formal Name : Propan-2-ol Substance Chemical Family : Alcohol Synonyms : Isopropanol, IPS, Dimethyl Carbinol, Propanol.	< 40
1330 - 20 - 7	Substance Formal Name : Xylene Substance Chemical Family: Common Name : Xylene, Xylol. Synonyms Benzene, Dimethylbenzene, Methyl Toluene, Xylol,	< 40

### 3. Hazards Identification

Physical Hazard : Flammable.  
Health Hazard : Harmful by inhalation and in contact with skin. Irritating to skin.

### 4. First-aid Measures

INGESTION : Wash out mouth with water. DO NOT induce vomiting. If patient vomits turn to the recovery position. Get medical aid.  
INHALATION : Remove to fresh air. If unconscious turn to recovery position. If there is difficulty in breathing give oxygen. Get medical aid.  
SKIN CONTACT : Wash with soap and water. Contaminated clothing should be removed and cleaned thoroughly before re-use.  
EYE CONTACT : Flush out eyes with water for 10 minutes. Get medical aid.

### 5. Fire-fighting Measures

Shut off fuel to fire.

Small Fires : Use Carbon Dioxide, Dry Chemical Foam, Sand or earth. DO NOT use water jet.  
Large Fires : Use alcohol resistant foam or water fog. Keep drums cool by spraying with water. Do not use water jet. Fire fighters should wear self contained breathing apparatus. Keep drums cool by spraying with water.

### 6. Accidental Release Measures

Extinguish any naked flames and sources of ignition. For small spillage's, absorb with sand or earth and store for subsequent disposal. Wash contaminated area with large excess of water. Try to contain large spillage's and prevent from entering drains by using sand or earth.

### 7. Handling and Storage

Suitable : Mild steel, stainless steel, polyethylene.  
Unsuitable : Butyl rubber gloves, polystyrene. Most plastics and rubbers.  
Storage temperatures : Ambient

### 8. Exposure Controls/Personal Protection

Use only in well ventilated areas. Avoid contact with skin. Wear protective clothing, goggles, PVC gloves.

### 9. Physical and Chemical Properties

Appearance : Clear, colourless liquid.  
Odour : Aromatic  
Vapour Pressure : 2.8 (Air =1)  
Relative Density : 0.828 @ 20°C  
Water Solubility : Partially Soluble  
Flash Point : 15°C

### 10. Stability and Reactivity

Stability : Stable under normal use.  
Conditions to avoid: Heat, Flames and sparks.  
Incompatibility : Strong oxidising Agents. Concentrated Nitric and Sulphuric Acids. High temperatures.  
Hazardous Decomposition and Combustion Products : Fumes and carbon monoxide

### **11. Toxicological Information**

INGESTION : Low order of toxicity. High doses cause central nervous system depression, leading to nausea, drowsiness and loss of consciousness.  
INHALATION : Concentrations may cause irritation to the respiratory tract. May cause drowsiness and dizziness.  
SKIN : Repeated or prolonged exposure defats the skin and may cause dermatitis.  
EYES : Liquid and high concentrations of vapour produce transient conjunctival irritation but do not damage the eye tissue.

### **12. Ecological Information**

Bio-Accumulation : Likely to bio-accumulate but with short retention of the order of a week or less.  
Ecotoxicity : Aquatic toxicity rating - likely to be moderately toxic.(TLm<sub>96</sub>1 -10 mg/l)

### **13. Disposal Considerations**

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

### **14. Transport Information**

Packing Group : 3

### **15. Regulatory Information**

E. C. Classification : Flammable, Irritant .

### **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 : 1.04.2008  
Reference : SD/CS/03  
Intended Use : Cleaning solvent for tools and equipment.  
Product Code : Epoxy Products Cleaning Solvent