



# SAFETY DATA SHEET

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

SILICA FLOUR / SILICA

Richard Baker Harrison Ltd  
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Ilford  
Essex IG1 4TQ

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## 2. Composition/information on ingredients

Silica (Quartz) 98 - 100 %

CAS.NO: 14808-60-7 EINECS: 238-878-4 R Phrases R20, R48

## 3. Hazards identification

Possibility of dust generation on handling. Harmful by inhalation. Danger of serious damage to health by prolonged exposure.

Eyes Dust will cause transient irritation by abrasion.

Skin Dust may cause irritation by abrasion.

Ingestion Gastrointestinal irritation.

Inhalation Prolonged exposure to dust may have the following effects – Long term irreversible effects from inhalation of respirable crystalline silica.

## 4. First-aid measures

First Aid – Eyes Immediately flood the eye with plenty of water for at least 10 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

First Aid – Skin Wash thoroughly with soap and water

First Aid – Ingestion Wash out mouth with water.

Advice to Physicians Treat symptomatically.

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5. Fire-fighting measures

Extinguishing media: Not combustible. Avoid formation of dust clouds.

6. Accidental release measures

Dry spillage Sweep or preferably vacuum up and collect in suitable containers for recovery or disposal. Dampen down with water if possible.  
Moist spillage Sweep up into suitable containers for recovery or disposal.

7. Handling and storage

Handling Avoid creating a dust. Avoid inhaling dust.  
Storage Storage area should be dry and well ventilated.

8. Exposure controls/Personal protection

Occupational exposure standards

Substance

Occupational Exposure Limits 8 Hour TWA  
Respirable Dust  
mg/m<sup>3</sup>

Crystalline Silica Dust

0.3 MEL EH40

General Information Use of the basic principles of Industrial Hygiene will enable this material to be used safely. Local exhaust ventilation is recommended when dust is likely to be generated from the handling of dry material. Wherever practicable, the product should be handled within a closed system.

Respiratory protection Dust respirator if conditions are dusty.  
Hand protection PVC gloves.  
Eye protection Chemical goggles or face shield.  
Body protection Normal work wear, overall or apron.

9. Physical and chemical properties

Form: powder  
Colour: whitish  
Odour: odourless  
Flash point: not applicable  
Solubility in water: Insoluble  
Vapour pressure: not applicable  
Density: approx. 2650 kg/m<sup>3</sup>  
Flammability: non-flammable  
Explosive limits: not applicable  
Ignition temperature: not applicable

10. Stability and reactivity

Stability Stable under normal conditions.

