

Select Products - Material Safety Data Sheet

Date prepared: 17 January 2005

Date revised: 19 September 2013

Product Name: Select Brand Fire Cement (500g, 1, 2 & 5kg)
Product Code(s): SEL7720, SEL7721, SEL7722, SEL7723

1. Identification of the Substance/Preparation and the Company/Undertaking

Substance or preparation trade name: Select Brand Fire Cement (500g, 1kg, 2kg, 5kg)
Unique reference numbers(s): SEL7720, SEL7721, SEL7722, SEL7723
Company name & address: Select Products Division, The Select Group of Companies Ltd,
Loribon House, Aspen Way, Yalberton Industrial Estate, Paignton, Devon TQ4 7QR England.

Tel: +44 (0)1803 540154

Fax: +44 (0)1803 540157

web: www.selectselect.net

2. Composition

The products are a basic preparation of silica sand and clay combined with various minor chemical additives.

2.1 Main Constituents:

Alkaline Sodium Silicate CAS N^o1344-09-8 <10% R41, R38.

Clay (Kaolin) EINECS N^o 310-127-6

Ground Silica Sand CAS N^o 14808-60-7 >25% R20, R48

Sand. CAS N^o 14808-60-7

3. Hazards Identification

Xi Irritant

Contains: Sodium Silicate an alkaline solution. Irritating to eyes.

Ground Silica Sand is a flour, R20 Harmful by inhalation and R48 Danger of serious damage to health by prolonged exposure due to dust containing respirable silica SiO₂. There is no release of respirable silica in the form the product is supplied

4. First aid measures

4.1 Eye Contact:

Wash eye immediately with plenty of clean water for at least 10 minutes and seek medical advice without delay.

4.2 Skin Contact:

Wash the affected area with soap and water.

If irritation or other symptoms occur seek medical advice.

4.3 Inhalation:

If irritation occurs move to fresh air.

4.4 Ingestion:

Do not induce vomiting, wash out mouth and drink copious quantities of water. Seek medical advice.

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5. Fire fighting measures

Product is not flammable and will not facilitate combustion with other materials.

6. Accidental release measures

Wear suitable protective equipment.
Collect in suitable containers for disposal.
Avoid contamination of drains and water courses

7. Handling and storage

Pots should be stacked in a safe and stable manner.
Avoid contact with eyes.

8. Exposure Controls

Maximum Exposure Limit (MEL) for Silica Flour $\text{SiO}_2 = 0.3\text{mg}/\text{m}^3$ 8 hour time weighted average.

8.1 Eye Protection:

Dust proof goggles should be worn when there is a chance of product entering the eye.

8.2 Skin Protection:

Protective clothing must be worn that ensures the product does not come into prolonged contact with the skin.

8.3 Respiratory Protection:

Inhalation of dust should be avoided.

Respiratory protection i.e. dust mask should be worn if airborne dust is present in quantities likely to exceed the Maximum Exposure Limit or Occupational Exposure Standard.

8.4 Ingestion:

Avoid ingestion by taking normal hygienic precautions.

9. Physical and chemical properties

Material is supplied in a moist condition and is grey in colour.

10. Stability and reactivity

Stable.

11. Toxicological information

11.1 Eye contact.

Cement is a severe eye irritant. Mild exposure can cause soreness. Gross exposure or untreated mild exposure can lead to chemical burning and ulceration of the eye.

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11.2 Skin contact.

Irritating to skin.

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11.3 Ingestion.

May result in irritation to the gastro intestine tract.

11.4 Inhalation.

Inhalation of the product in the form supplied is unlikely to have any effect but during wrecking operations respirable silica maybe released. The respirable percentage of SiO₂ available to inhale will be dependant on prevailing conditions. Ensure the Maximum Exposure Limit is not exceeded.

12. Ecological information

The LC50 aquatic toxicity rating has not been determined.

The addition of cement to water will cause the pH to rise and may therefore be toxic to aquatic life in some circumstances.

13. Disposal Considerations

Empty containers or surplus cement can be disposed of at a site authorised to accept builders waste. Reference should be made to applicable local and national regulations.

14. Transport information

Not classified as hazardous for transportation purposes.

15. Regulatory information

Chemical Hazard Information & Packaging for Supply Regulations 1994.

Chemical Hazard Information & Packaging for Supply Amendment Regulations 1997.

Classification: Xi: Irritant

Risk Phrases:

Irritating to eyes.

Safety Phrases:

Avoid contact with eyes and prolonged skin contact.

In case of contact with eyes rinse immediately with plenty of clean water and seek medical advice.

Keep out of the reach of children.

16. Other Information

Health & Safety At Work Etc act 1974.

Control of Substances Hazardous to Health regulations 1994.

Control of Substances Hazardous to Health amendment regulations 1996 & 1997.

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Environmental Protection Special Waste Regulations 1996.
HSE Occupational Exposure Limits EH40/98.
HSE Silica Dust and You ISBN 0717614484.

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This product safety data sheet follows the requirements of 91/155/EEC as amended by directive 93/112/EC.

The information is provided for making safety assessments and is not a sales specification or indication of suitability for a particular use.

FOR COMPANY USE

The information and recommendations set forth herein are taken from sources believed to be accurate as of the date hereof; however, Select International Limited makes no warranty with respect to the accuracy of the information or the suitability of the recommendations, and assumes no liability to any user thereof.

Approved by.....