



MATERIAL SAFETY DATA

EDITION 4 DATE APRIL 2007

1. PRODUCT

NAME: **weber.cem pyrabed** (Pyrabed)

Chemical Nature

An odourless grey powder, containing fine sand insoluble in water. When water is added it becomes a rapid setting bedding mortar for the reinstatement of road ironwork and highway furniture.

Manufacturer

Weber
Saint-Gobain Weber Limited
Dickens House
Enterprise Way
Flitwick
Bedford.
MK45 5BY.

EMERGENCY TELEPHONE NUMBER. 08703 330070

2. COMPOSITION

A blend of Portland cement, calcium aluminate cement, graded fine silica sand and small quantities of other additives.

EEC Symbol: Xi R Phrases: 20 & 36/38

3. HAZARDS IDENTIFICATION

Contains chromium (VI). May produce an allergic reaction.
When the powder is mixed with water or comes into contact with body fluids it produces a strongly alkaline solution. This may cause serious burns and ulceration both to the skin and eyes.

Weber.cem Pyrabed until set may cause dermatitis due to either its high alkalinity or hexavalent chromium salts present in Portland cement.

4. FIRST AID MEASURES

- SKIN CONTACT:** Wash the affected area thoroughly with soap and water. If irritation continues seek medical advice. Clothing contaminated with wet product should be removed and washed thoroughly before reuse.
- EYE CONTACT:** Wash eyes immediately with plenty of clean water for at least 15 minutes and seek medical advice without delay.
- INHALATION:** Move affected person to fresh air. If nose or airways become inflamed seek medical attention.
- INGESTION:** If swallowing has occurred do not induce vomiting. Give person plenty of water to drink. Seek medical attention

5. FIRE FIGHTING MEASURES

Weber.cem pyrabed is not flammable and will not facilitate combustion of other materials.

Exposure hazards Do not release water contaminated with weber.cem pyrabed into surface water drains.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Avoid contact with skin, eyes and clothing. Avoid breathing dust.

Environmental Precautions

Prevent contamination of surface water.

Methods for Cleaning

Recover spillage in dry state if possible. Minimise generation of airborne dust. The product can be slurried with water. Keep children away from clean up operations. Dispose to a place authorised to accept builder's waste. Small quantities can be disposed of as normal household waste.

7. HANDLING AND STORAGE

Handling

When handling pails of weber.cem pyrabed due regard should be paid to Manual Handling Operations Regulations.

Storage

Pails should be stacked in a safe and stable manner. Store in dry, well ventilated conditions above 15oC.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Technical Protective Measures

No special measures required

Exposure Limits

Occupational Exposure Standard (OES) Limits 8 hour TWA (According to EH40/00)

Total inhalable dust: 10mg/m³

Respirable dust: 4mg/m³

Respiratory Protection

If mixed in an area of good ventilation and raising dust is avoided respiratory protection is not necessary. If dust is unavoidable suitable respiratory protection should be worn to ensure that personal OES is not exceeded.

Hand Protection

Wear suitable gloves.

Eye Protection

Suitable goggles or face protection should be worn if there is a risk of powder or product/water mixture entering the eye.

Skin Protection

Wear overalls and closed footwear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Particulate
 Particle size: 5 - 400 microns
 PH: pH of wet cement 12 - 14

10. STABILITY AND REACTIVITY

Stable under normal room temperature storage conditions. Bags will set solid if continually soaked with water.

11. TOXICOLOGICAL INFORMATION

Eye Contact

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

Skin Contact

The powder or product/water mixture may cause irritation, contact dermatitis or allergic dermatitis and/or burns.

Inhalation

Inhalation of the powder may cause inflammation of mucous membranes.

Ingestion

The swallowing of small amounts of product or product /water mixtures is unlikely to cause any significant reaction. Larger doses may result in irritation to the gastro-intestinal tract.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity Rating

LC50 aquatic toxicity rating not determined. The addition of Pyrabed to water may, however, cause the pH to rise and therefore may be toxic to aquatic life in some circumstances.

No other specific information available.

13. DISPOSAL CONSIDERATIONS

Dispose of empty pails or surplus product to place authorised to accept builder's waste. Keep out of reach of children. Small numbers of pails can be disposed of as normal household waste.

14. TRANSPORT INFORMATION

Classification for Transport not required.

15. REGULATORY INFORMATION

Symbols: Xi Irritant.
 Contains: Portland Cement C.A.S. No. 65997-15-1. Contains chromium (VI).
 May produce an allergic reaction.

R Phrases:

R20	Harmful by inhalation
R36/38	Harmful to eyes and skin

S Phrases:

S28	After contact with skin, wash immediately with plenty of soap and water.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical attention. S37/39 Wear suitable gloves and eye/face protection.

Keep out of reach of children.

16. OTHER INFORMATION

None

This safety sheet has been prepared in accordance with the provisions of the EC SDS Directive 91/155.