



## MATERIAL SAFETY DATA

EDITION : 1 DATE: April 2007

### 1. PRODUCT

NAME **fermafluide chrono**

#### Chemical Nature

A rapid-setting, polymer-modified, cement-based, pourable floor tile adhesive

#### Manufacturer

##### **Weber**

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

EMERGENCY TELEPHONE NUMBER. 08703 330070

### 2. COMPOSITION

A mixture of hydraulic binders, aggregates and additives

### 3. HAZARDS IDENTIFICATION

Contains Portland cement(<20%) (CAS No. 65997-15-1) and hydrated lime (<10%) (CAS No. 1305-62-0)

EEC Symbol: Xi, Irritant R Phrases: R43

Contains chromium (VI). May produce an allergic reaction.  
When mixed with water or on contact of powder with body fluids, produces a strongly alkaline solution. This may cause serious burns and ulceration both to the skin and eyes. Until set these products may cause dermatitis due to either their 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 re-use

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: Move affected person to fresh air. If nose or airways become inflamed, seek medical attention

## 5. FIRE-FIGHTING MEASURES

The product is not flammable. All extinguishing media suitable.

### Exposure hazards

Fire fighters should wear self-contained breathing apparatus

## 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions

Avoid contact with skin and eyes. Avoid raising dust.

### Environmental Precautions

Avoid contamination of drains, water courses and surface water

### Methods for Cleaning

Vacuum up and place in suitable sealed containers for disposal according to local regulations. Avoid raising dust.

## 7. HANDLING AND STORAGE

### Handling

Avoid raising dust. Where there is a risk of inhaling dust, wear suitable dust mask

### Storage

Protect from water and humidity. Store in original, sealed packaging.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Technical Protective Measures

No special measures required

### Exposure Limits

Workplace Exposure Limit (WEL) (8 hour TWA):

Total inhalable dust	10mg/m <sup>3</sup>
Total respirable dust	4mg/ m <sup>3</sup>

### Respiratory Protection

Suitable respiratory protection should be worn to ensure that personal WEL is not exceeded. If care is taken not to raise dust during handling the use of respirators is not normally necessary

### Hand Protection

Wear suitable gloves

### Eye Protection

Wear eye/face protection

### Skin Protection

Wear overalls and closed footwear

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical state: Particulate  
Particle size: 5 - 300 microns  
pH: pH of wet cement 12 - 14

## **10. STABILITY AND REACTIVITY**

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

Thermal decomposition product generated above 200°C: CO, CO<sub>2</sub>

## **11. TOXICOLOGICAL INFORMATION**

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

Skin: Cement powder or cement/water mixtures can cause irritant contact dermatitis, allergic (chromium) dermatitis and/or burns.

Ingestion: Swallowing of small amounts of adhesive mix is unlikely to cause any significant reaction. Larger amounts may result in irritation to the gastro-intestinal tract.

Inhalation: The powder can cause inflammation of mucous membranes

Chronic effects: Prolonged and repeated exposures, in excess of the OES may cause rhinitis and coughing and permanent damage to the lungs (silicosis). This is a reportable disease in the U.K Skin contact may cause allergic (chromium) dermatitis, usually through contact with the wet mix.

## **12. ECOLOGICAL INFORMATION**

The addition of this product to water will give an alkaline solution, which may be toxic to aquatic life. Do not allow into watercourses/drains

## **13. DISPOSAL CONSIDERATIONS**

Do not allow to enter drains, water courses or the environment. Dispose of according to local regulations.

## **14. TRANSPORT INFORMATION**

Classification for transport not required.

## **15. REGULATORY INFORMATION**

Symbol: Xi, Irritant  
Contains: Portland cement (<20%) (CAS No. 65997-15-1) and hydrated lime (<10%) (CAS No. 1305-62-0)

R Phrases:

R43 May cause sensitisation by skin contact

S Phrases:

S2 Keep out of reach of children

S24 Avoid contact with skin

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

S46 If swallowed, seek medical advice immediately and show this container  
or  
label

## 16. OTHER INFORMATION

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