



## MATERIAL SAFETY DATA

EDITION: 4 DATE: February 2007

### 1. PRODUCT

NAME: **weber.cem spray DS** (MULSIFIX SPRAY CONCRETE DS)  
**weber.cem spray CP** (MULSIFIX SPRAY CONCRETE CP)

#### Chemical Nature

An odourless grey powder, containing granular material insoluble in water specially developed as a dry spray repair concrete.

#### 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, graded crushed limestone aggregates, and microsilica (< 5%) with small quantities of other additives.

### 3. HAZARDS IDENTIFICATION

EEC Symbol: Xi      R Phrases: 36/38

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.

Mulsifix Spray Repair Concrete 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

Mulsifix Spray Repair Concrete is not flammable and will not facilitate combustion of other materials.

### Exposure hazards

Do not release water contaminated with Mulsifix Spray Repair Concrete 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 bags of Mulsifix Spray Repair Concrete , which weigh 25 kgs. due regard should be paid to Manual Handling Operations Regulations 1992.

Some bags may have a small amount of cement dust on their outer surface. Appropriate personal protection should be used whilst handling.

### Storage

Bags should be stacked in a safe and stable manner. Store in dry conditions.

## 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/m<sup>3</sup>

Respirable dust 4mg/m<sup>3</sup>

Microsilica –Amorphous Silica:	Total inhalable dust:	6mg/m <sup>3</sup>
	Respirable dust	2.4mg/m <sup>3</sup>

Respiratory Protection

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.

Skin Protection

Wear overalls and closed footwear.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Particulate

Particle size: 5 - 5000 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 gastrointestinal tract.

## 12. ECOLOGICAL INFORMATION

Aquatic Toxicity Rating

LC50 aquatic toxicity rating not determined. The addition of Mulsifix Spray Repair Concrete 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 bags or surplus product to place authorised to accept builder's waste. Keep out of reach of children. Small numbers of bags can be disposed of as normal household waste.

**14. TRANSPORT INFORMATION**

Classification for Transport not required.

**15. REGULATORY INFORMATION**

<b>15. REGULATORY INFORMATION</b>	
Symbols:	Xi Irritant.
Contains:	Portland Cement C.A.S. No. 65997-15-1. Contains chromium (VI). May produce an allergic reaction.
<u>R Phrases:</u>	
R36/38:	Harmful to eyes and skin
<u>S Phrases:</u>	
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.