



MATERIAL SAFETY DATA

EDITION: 7 DATE: 1/15/07

1. PRODUCT

NAME: **weber.set WF21** (Howtex WF21) Powder Component

Chemical Nature

Odourless powder containing granular material, which is insoluble in water. When mixed with the relevant liquid it becomes a flexible adhesive for ceramic and natural stone tiling.

Manufacturer

Weber

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

EMERGENCY TELEPHONE NUMBER. 08703 330070

2. COMPOSITION

Consists of a mixture of hydraulic cement (Portland Cement, C.A.S. No. 65997-15-1), rubber based powder, inorganic fillers and small quantities of organic additives.

3. HAZARDS IDENTIFICATION

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. The dry powder contains some inhalable cement dust – therefore raising dust should be avoided.

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: If swallowing has occurred do not induce vomiting. Give person plenty of water to drink. Seek medical attention.

5. FIRE-FIGHTING MEASURES

The powder is flammable with difficulty, due to its rubber content. When burning thick smoke is generated, which should not be inhaled.

Exposure hazards

Avoid inhalation of fumes. Do not release water contaminated with these products 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. Do not allow into watercourses and drains
Methods for Cleaning Recover spillages 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 product, 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 unopened bags, in clean dry conditions, off the ground and above 50C.

If stored correctly as above, and used within 12 months of the date shown on the bag, the activity of the reducing agent, added to control the level of soluble chromium (VI), will be maintained and this product will contain, when mixed with water, no more than 0.0002% (2ppm) soluble chromium (VI) of the total dry weight of the cement content.

Use of this product after the end of the declared storage period may increase the risk of an allergic reaction.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Technical Protective Measures

No special measures required

Exposure Limits

Occupational Exposure Standard (OES 8 hour TWA limit):
Total inhalable dust 10mg/m³ Total respirable dust 4mg/m³
Maximum Exposure Limit (MEL 8 hour TWA limit):
Total rubber process dust 6mg/m³

Respiratory Protection

Suitable respiratory protection should be worn to ensure that personal OES 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

Suitable goggles or face protection should be worn wherever there is a risk of product 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 to 850 microns

Density: 0.9-1.2g/cm³ approx.

Solubility: Slight.

pH: 10.5 approx. (when mixed with water)

Flash Point: N/A: slowly decomposes at temperatures above 80°C.

10. STABILITY AND REACTIVITY

Stable under normal room temperature and conditions.

Bags will set solid if continually soaked with water.

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

Should be disposed of at a suitable landfill site, in accordance with the Control of Pollution Act 1974/Environmental Protection Act 1990.

14. TRANSPORT INFORMATION

This product is not classed as hazardous for the purposes of transportation.

15. REGULATORY INFORMATION

Symbol: Xi, Irritant
Contains: Portland Cement, C.A.S. No. 65997-15-1 (Contains chromium (VI). May produce an allergic reaction) and rubber based powder

R Phrases:

R36/38: Irritating to eyes and skin.
R41: Risk of serious damage to eyes

S Phrases:

S2: Keep out of reach of children
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical help.
S28: After contact with skin, wash immediately with plenty of soap and water.
S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

16. OTHER INFORMATION

The product should be used as directed -consult specification sheet for further details. This information is given in good faith and is believed to be accurate and complete. It should be made available to all personnel using/ handling the product.

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