



Revision: 2 DATE: 28/07/09

## 1. PRODUCT

NAME: WB9 Tile fix  
WB11 Wall 'n floor  
WB12 Porcelain fix  
WB13 Ultra-flex 3  
WB17 Ultra-flex 24  
WB19 Versa-flex  
WB114 Fast-set  
WB115 Marble-flex  
WB225 Mosaic  
WB250 Plaskey  
WB270 Self-levelling screed  
Ceramic 6  
Porcelain fix 24

### Chemical Nature

Odourless powders containing granular material, which is insoluble in water. With water, they become adhesives used for ceramic and natural stone tiling

### Manufacturer

Weber Tylon  
Saint-Gobain Weber South Africa (Pty) Ltd  
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EMERGENCY TELEPHONE NUMBER

## 2. COMPOSITION

Consist of a polymer modified mixture of silica sand, hydraulic cement (Portland cement or white cement) and a small quantity of organic additives. Portland cement or white cement is considered a "hazardous chemical" under OHS Act 85 of 1993 Reg.11/79 dd25/08/95.

## 3. HAZARDS IDENTIFICATION

Cement could contain chromium (VI). May produce an allergic reaction. When mixed with water or on contact of powder with body fluids, produces a strong 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 – 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**

These products are not flammable and will not facilitate combustion of other materials.

**Exposure hazards:** Do not release water contaminated with these products into surface drains.

No hazardous combustion products are generated.

#### **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. Be aware that some of the formulations can have a fairly quick set. Keep children away from clean-up operations. Dispose to a place authorised to accept builder's waste. Very 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 correct ergonomic handling. Some bags may have a small amount of cement dust on the 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 cool, clean dry conditions, off the ground and above 5 °C.

Usage of the product after the end of the declared storage period may increase the risk of 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 10 mg/ m<sup>3</sup>

Total respirable dust 5 mg/m<sup>3</sup>

Respiratory Protection: Suitable respiratory protection should be worn to ensure that personal OES is not exceeded in areas that are poorly ventilated. If care is taken not to raise dust during handling the use of respirators is not normally necessary.

Hand Protection: Wear suitable gloves. Do not rely on barrier creams; barrier creams should not be used in place of 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. Contact lenses should not be worn when working with the products

Skin Protection: Wear overalls and suitable closed footwear

Ventilation Use local exhaust or general dilution ventilation to control exposure within applicable limits

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Particulate
Particle size	5 to 850 microns
Density	1.50 to 1.90 g/cm <sup>3</sup> approx.
Solubility	Slight
pH	10.5 approx. (when mixed with water)

## 10. STABILITY AND REACTIVITY

Stability	Stable under normal room temperature and conditions.
Conditions to avoid	Unintentional Contact with Water
Incompatibility	Mortar products are cement based and the wet product is alkaline. As such it is incompatible with acids, ammonium salts and phosphorous. Some formulations can contain fly ash which

will react violently with bromine trifluoride, fluorine, hydrogen fluoride and phosphorous.

Hazardous decomposition Will not spontaneously occur. Adding water produces some calcium hydroxide (caustic) from the cement reaction decomposition

Hazardous polymerisation Will not occur

## 11. TOXICOLOGICAL INFORMATION

Eye Contact: Cement is a severe eye irritant. Mild exposure can cause soreness. Gross exposure 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. 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 compliant to the National Environmental Management waste Act (Act 59 of 2008) and the Atmospheric Pollution prevention Act (Act 45 of 1965 - Reviewed June 2009).

## 14. TRANSPORT INFORMATION

This product is not classed as hazardous for the purposes of transportation under the National traffic Act, Act 93 of 1996 regulations and SABS 0228:1995 as amended.

Hazard class	Not applicable
Identification number	Not applicable
Required label text	Not applicable
Hazardous substances/ Reportable quantities (RQ)	Not applicable

## 15. REGULATORY INFORMATION

Symbol: Xi, Irritant

R Phrases:

R38 Irritating to the skin  
R41 risk of serious damage to eyes

S Phrases:

S2 Keep out of the reach of children  
S22 Do not breathe dust  
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 data 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.

Portland cement or white cement is considered a “hazardous chemical” under OHSA, Act 85 of 1993 Reg.11/79 dd25/08/95 and should be part of any hazard communication program