

# MATERIAL SAFETY DATA SHEET

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request. All information contained in this MSDS is as accurate and up-to-date as possible. No warranty expressed or implied is made as to its accuracy, reliability or completeness.

## STATEMENT OF HAZARDOUS NATURE Hazardous according to criteria of Worksafe Australia

### COMPANY DETAILS

Company : MBT (Australia) Pty. Limited A.C.N. 000 450 288  
Address : 11 Stanton Road, Seven Hills, NSW 2147  
Telephone Number : 02 - 9624 4200  
Emergency Telephone Number : 0417 658 263, 0438 988 699

### IDENTIFICATIONS

Product Name : **MASTERFLOW 830**  
Other Name : none allocated  
Manufacturer's Product Code : 11716  
UN Number : none allocated  
Dangerous Goods Class : none allocated  
Subsidiary Risk : none allocated  
EPG Card : none allocated  
Shipping Name : none allocated  
Hazchem Code : none allocated  
Poisons Schedule : none allocated

### USE

Major Recommended uses : Shrinkage compensated, natural aggregate precision grout.

### PHYSICAL DESCRIPTION / PROPERTIES

Appearance : Cement grey powder  
Boiling Point (°C) : >200  
Melting Point (°C) : not available  
Vapour Pressure @ 25°C (Pa) : not applicable  
Specific Gravity : 2.0 approx.  
Flashpoint (°C) : not applicable  
Flammability Limits (%) : UEL - not applicable  
LEL - not applicable  
Solubility in Water : Insoluble

### OTHER PROPERTIES

pH (1:1 mixture) : >11

## INGREDIENTS

| Chemical Name               | CAS Number | Proportion |
|-----------------------------|------------|------------|
| Cement, Portland            | 65997-15-1 | 30-60%     |
| Quartz filler blend         | 14808-60-7 | 30-60%     |
| * Non hazardous ingredients |            | to 100%    |

\* Non hazardous ingredients are exempted according to NOHSC and SUSDP Standards.

## HEALTH HAZARD INFORMATION

### HEALTH EFFECTS

#### Acute

- Swallowed : Swallowing can result in irritation and burns to mouth and stomach.
- Eye : The dust is abrasive and irritating to the eyes and may be capable of causing corneal scarring.
- Skin : Slight irritant and may cause dermatitis. In the presence of moisture such as perspiration it can dry skin and cause alkali burns.
- Inhaled : The dust is harmful and irritating to the upper respiratory tract and lungs. The material presents a hazard from repeated exposures over long period.

- Chronic : Overexposure to respirable dust may cause coughing, wheezing, difficulty in breathing and impaired pulmonary function. Chronic symptoms include decreased vital lung capacity and chest infections. Chronic exposure may cause silicosis, a disabling form of pneumoconiosis, which leads to fibrosis.

### FIRST AID

- Swallowed : Do NOT induce vomiting. Wash mouth with water and seek medical attention.
- Eye : While holding eyes open, gently flood with plenty of fresh water for 15 minutes. If irritation persists or recurs seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
- Skin : Wash contacted area thoroughly with soap and plenty of water. Seek medical attention in event of irritation.
- Inhaled : Remove to fresh air. Lay patient down and rest.
- First Aid Facilities : Ensure availability of clean water for eye/skin wash.
- Advice to Doctor : Treat symptomatically.

## PRECAUTIONS FOR USE

- Exposure Standards - TWA : 0.1mg/m<sup>3</sup>
- Engineering Controls : Use in well-ventilated area. Avoid generating and inhaling dusts.

### PERSONAL PROTECTION

- Respirator Type (AS/NZS 1716) : Class P1 or Dust mask
- Glove Type (AS2161) : Nitrile rubber or PVC gauntlets
- Eye Protection : Chemical worker's goggles
- Clothing : Overalls
- Other : Use barrier creams to protect skin from contact with the material. Always wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals.

### FLAMMABILITY

- Fire Hazards : none
- Sources of Ignition Advice : none

## SAFE HANDLING INFORMATION

### STORAGE AND TRANSPORT

Location : Store in a cool, dry area.  
Temperature Conditions : 5 to 35°C  
Protection from Weather : Store undercover and away from moisture.  
Storage Incompatibilities : Strong oxidising agents, acids and alkalis.

### SPILLS AND DISPOSAL

Clean Up Spills / Leaks : Vacuum or sweep up. Avoid generating dust.  
Dispose - Secure Landfill : Yes  
Dispose - High Temp Incinerator : No  
State / Territory Authority : Observe all Federal, State and Local regulations.  
Precautions for Clean Up Crew : Nitrile rubber gloves and dust mask.

### FIRE / EXPLOSION HAZARD

Hazard of Use / Storage : Stable under normal storage and application temperature.  
List of Dangerous Decomposition  
or Combustion Products : Fuses on heating.  
Types of Extinguisher : Foam, CO<sub>2</sub> and Dry Chemical.  
Precautions : none  
Protective Clothing : none  
Reactivity : none  
Hazchem Code : none allocated

## OTHER INFORMATION

Ecology : Do not discharge into sewers unless connected to a waste water treatment plant.  
R Phrase(s) : none allocated  
S Phrase(s) : none allocated

## CONTACT POINT

Title : Development Chemist  
Telephone Number : 02 - 9674 6675 Technical Centre  
0417 658 263, 0438 988 699 After hours

### POISONS INFORMATION CENTRE

Telephone Number : 131 126