

# Safety data sheet

Page: 1/7

BASF Safety data sheet

Date / Revised: 18.10.2011

Product: **MASTERFLOW 678DP PLUS GROUT PTC**

Version: 1.0

(30367934/SDS\_GEN\_AU/EN)

Date of print 19.10.2011

## 1. Substance/preparation and company identification

### **MASTERFLOW 678DP PLUS GROUT PTC**

Use: Product for construction chemicals

#### Company:

BASF Australia Limited (ABN 62 008 437 867)

Level 12, 28 Freshwater Place Southbank

Victoria 3006, AUSTRALIA

Telephone: +61 3 8855-6600

Telefax number: +61 3 8855-6511

#### Emergency information:

BASF Emergency Advice Number: 1800 803 440 (24h) [within Australia]

BASF Emergency Advice Number: + 61 3 8855 6666 [outside Australia]

## 2. Hazard identification

No specific dangers known, if the regulations/notes for storage and handling are considered.

NON-HAZARDOUS SUBSTANCE, NON-DANGEROUS GOODS

## 3. Composition/information on ingredients

### Chemical nature

Blend based on: fillers

#### 4. First-Aid Measures

General advice:

First aid personnel should pay attention to their own safety. Remove contaminated clothing.

If inhaled:

After inhalation of dust. Keep patient calm, remove to fresh air.

On skin contact:

After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

On contact with eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:

Rinse mouth immediately and then drink plenty of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor.

Note to physician:

Symptoms: No significant reaction of the human body to the product known.

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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#### 5. Fire-Fighting Measures

Suitable extinguishing media:

foam, water spray, dry powder, carbon dioxide

Unsuitable extinguishing media for safety reasons:

water jet

Specific hazards:

carbon dioxide, carbon monoxide, harmful vapours, fumes/smoke, carbon black

Special protective equipment:

Wear a self-contained breathing apparatus.

Further information:

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

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#### 6. Accidental Release Measures

Personal precautions:

Avoid dust formation. Use personal protective clothing. Handle in accordance with good building materials hygiene and safety practice.

Environmental precautions:  
Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Methods for cleaning up or taking up:  
For small amounts: Pick up with suitable appliance and dispose of. Dispose of absorbed material in accordance with regulations.  
For large amounts: Pick up with suitable appliance and dispose of. Dispose of absorbed material in accordance with regulations.  
Avoid raising dust.

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## 7. Handling and Storage

### Handling

Avoid dust formation. Avoid inhalation of dusts. Avoid skin contact. Pour downwind and allow as little free fall as possible while emptying bags into equipment. Breathing must be protected when large quantities are decanted without local exhaust ventilation.

Protection against fire and explosion:  
No special precautions necessary. Take precautionary measures against static discharges.

### Storage

Segregate from acids. Segregate from bases. Segregate from strong oxidizing agents.

Suitable materials for containers: tin (tinplate)  
Further information on storage conditions: Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight.

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## 8. Exposure controls and personal protection

### Components with workplace control parameters

The nuisance dust limit value is to be kept.

no exposure standard allocated

### Personal protective equipment

Respiratory protection:  
Wear respiratory protection if ventilation is inadequate. Particle filter with low efficiency for solid particles (e.g. EN 143 or 149, Type P1 or FFP1)

Hand protection:  
impermeable gloves

Eye protection:  
Safety glasses with side-shields (frame goggles) (e.g. EN 166)

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Body protection:  
light protective clothing

General safety and hygiene measures:

In order to prevent contamination while handling, closed working clothes and working gloves should be used. Handle in accordance with good building materials hygiene and safety practice. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks).

## 9. Physical and Chemical Properties

Form: powder  
Colour: amber  
Odour: odourless

pH value:  
neutral, (as aqueous suspension)

Melting temperature: approx. > 1,000 °C  
boiling temperature:  
not applicable

Flash point:  
Non-flammable.  
Flammability: does not ignite  
Explosion hazard: not explosive

Bulk density: approx. 1,800 - 2,400 kg/m<sup>3</sup>

Solubility in water: insoluble  
(20 °C)

Other Information:  
If necessary, information on other physical and chemical parameters is indicated in this section.

## 10. Stability and Reactivity

Conditions to avoid:  
See MSDS section 7 - Handling and storage.

Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.

Substances to avoid:  
strong acids, strong bases, strong oxidizing agents

Corrosion to metals: Corrosive effects to metal are not anticipated.

Hazardous reactions:  
The product is stable if stored and handled as prescribed/indicated.

No hazardous decomposition products if stored and handled as prescribed/indicated.

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## 11. Toxicological Information

### Acute toxicity

Assessment of acute toxicity:  
Study scientifically not justified. The substance is inert.

### Irritation

Assessment of irritating effects:  
May cause mechanical irritation. No irritation is expected under intended use and appropriate handling.

### Genetic toxicity

Assessment of mutagenicity:  
The chemical structure does not suggest a specific alert for such an effect. The product has not been tested. The statement has been derived from the properties of the individual components.

### Carcinogenicity

Assessment of carcinogenicity:  
The chemical structure does not suggest a specific alert for such an effect. The product has not been tested. The statement has been derived from the properties of the individual components.

### Reproductive toxicity

Assessment of reproduction toxicity:  
The chemical structure does not suggest such an effect.

### Developmental toxicity

Assessment of teratogenicity:  
The chemical structure does not suggest such an effect.

### Other relevant toxicity information

No reports of ill effects provided product was correctly handled and processed. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

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## 12. Ecological Information

### Ecotoxicity

Assessment of aquatic toxicity:  
At the present state of knowledge, no negative ecological effects are expected. There is a high probability that the product is not acutely harmful to aquatic organisms. The product has not been tested. The statement has been derived from products of a similar structure or composition.

### **Mobility**

Assessment transport between environmental compartments:  
Study scientifically not justified.

### **Persistence and degradability**

Assessment biodegradation and elimination (H<sub>2</sub>O):  
Experience shows this product to be inert and non-degradable.

### **Bioaccumulation potential**

Bioaccumulation potential:  
The product will not be readily bioavailable due to its consistency and insolubility in water.

### **Additional information**

Other ecotoxicological advice:  
According to experience, the material has no harmful effect on the environment. The product has not been tested. The statement has been derived from the structure of the product.

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## **13. Disposal Considerations**

Observe national and local legal requirements.  
Residues should be disposed of in the same manner as the substance/product.

Contaminated packaging:  
Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

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## **14. Transport Information**

### **Domestic transport:**

Not classified as a dangerous good under transport regulations

### **Sea transport IMDG**

Not classified as a dangerous good under transport regulations

### **Air transport IATA/ICAO**

Not classified as a dangerous good under transport regulations

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## 15. Regulatory Information

Poisons Schedule: Not scheduled

### **Regulations of the European union (Labelling)**

Directive 1999/45/EC ('Preparation Directive'):

The product does not require a hazard warning label in accordance with EC Directives.

### **Other regulations**

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

### **Registration status:**

AICS, AU                      released / listed

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## 16. Other Information

In addition to the information given in the safety data sheet we refer to the product specific 'Technical Information'.

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Vertical lines in the left hand margin indicate an amendment from the previous version.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.