

# Safety data sheet

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BASF Safety data sheet  
Date / Revised: 25.10.2011  
Product: **MASTERTOP 540**

Version: 1.0

(30400334/SDS\_GEN\_AU/EN)

Date of print 26.10.2011

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## 1. Substance/preparation and company identification

### MASTERTOP 540

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]

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## 2. Hazard identification

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

NON-HAZARDOUS SUBSTANCE, NON-DANGEROUS GOODS

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## 3. Composition/information on ingredients

Chemical nature

modified cement mortar

#### Hazardous ingredients

don't use >> Cement, portland, chemicals  
Content (W/W): < 5 %  
CAS Number: 65997-15-1  
EC-Number: 266-043-4  
Hazard symbol(s): Xi  
R-phrases: 37/38, 41

The wording of the hazard symbols and R-phrases is specified in chapter 16 if dangerous ingredients are mentioned.

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## 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. If difficulties occur: Obtain medical attention.

#### 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 symptoms are expected due to the non-classification of the product.  
Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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## 5. Fire-Fighting Measures

#### Additional information:

Product itself is non-combustible. Only the packaging materials can catch fire. The generally usual extinguishing agents to esteem for sufficient.

#### Specific hazards:

Product is not combustible or explosive. No particular hazards known.

#### Further information:

Product itself is non-combustible; fire extinguishing method of surrounding areas must be considered. The degree of risk is governed by the burning substance and the fire conditions. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

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## 6. Accidental Release Measures

### Personal precautions:

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

### Environmental precautions:

No special precautions necessary.

### Methods for cleaning up or taking up:

Sweep/shovel up.

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## 7. Handling and Storage

### Handling

Avoid dust formation. The Cement contained in this product reacts alkaline when in contact with water or humidity. This may cause severe irritation of skin or mucous membranes. The humidity of the skin or mucous membranes is enough for this reaction. Prolonged direct contact to the dry product should be avoided therefore. 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.

### Storage

Suitable materials for containers: tin (tinplate)

Further information on storage conditions: Containers should be stored tightly sealed in a dry place.

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## 8. Exposure controls and personal protection

### Components with workplace control parameters

Cement, portland, chemicals, 65997-15-1;

TWA value 10 mg/m<sup>3</sup> (OEL (AU)), Inhalable dust

TWA value 1 mg/m<sup>3</sup> (ACGIHTLV), Respirable fraction

The value is for particulate matter containing no asbestos and <1% crystalline silica.

### Personal protective equipment

Respiratory protection:

Breathing protection if dusts are formed.

Hand protection:  
nitrile coated cotton gloves (e.g. EN 388, 374)

Eye protection:  
Tightly fitting safety goggles (splash goggles) (e.g. EN 166)

Body protection:  
Body protection must be chosen based on level of activity and exposure., light protective clothing

General safety and hygiene measures:  
Avoid contact with the skin, eyes and clothing. Avoid inhalation of dusts. 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).

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## 9. Physical and Chemical Properties

Form:	powder
Colour:	light grey
Odour:	product specific
pH value:	approx. 12 - 13 (20 °C) (as aqueous suspension)
Melting point:	The product has not been tested.
Boiling point:	not applicable
Self ignition:	not self-igniting
Explosion hazard:	not explosive
Fire promoting properties:	not fire-propagating
Vapour pressure:	not applicable
Bulk density:	approx. 1,400 - 1,500 kg/m <sup>3</sup>
Solubility in water:	dispersible (20 °C)
Hygroscopy:	hygroscopic
Solids content:	100 %

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

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## 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 bases, strong acids

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

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

## 11. Toxicological Information

### Acute toxicity

Assessment of acute toxicity:  
Virtually nontoxic after a single ingestion. The product has not been tested. The statement has been derived from products of a similar structure or composition.

### Irritation

Assessment of irritating effects:  
Not irritating to eyes and skin. No irritation is expected under intended use and appropriate handling.

### Sensitization

Assessment of sensitization:  
Chromate in this product has been reduced. Sensitization due to chromate within stated shelf-life is unlikely.

### Repeated dose toxicity

Assessment of repeated dose toxicity:  
The product has not been tested. The statement has been derived from the properties of the individual components.

### 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.

### **Reproductive toxicity**

Assessment of reproduction toxicity:

The chemical structure does not suggest such an effect. The product has not been tested. The statement has been derived from the properties of the individual components.

### **Developmental toxicity**

Assessment of teratogenicity:

The chemical structure does not suggest such an effect. The product has not been tested. The statement has been derived from the properties of the individual components.

### **Other relevant toxicity information**

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. The product has not been tested. The statements on toxicology have been derived from products of a similar structure and composition.

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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:

No data available.

### **Persistence and degradability**

Assessment biodegradation and elimination (H<sub>2</sub>O):

Inherently biodegradable. The insoluble fraction can be removed by mechanical means in suitable waste water treatment plants.

### **Bioaccumulation potential**

Assessment bioaccumulation potential:

No data available concerning bioaccumulation.

### **Additional information**

Other ecotoxicological advice:

There is a high probability that the product is not acutely harmful to aquatic organisms. Do not discharge product into the environment without control. The product has not been tested. The statement has been derived from the properties of the individual components.

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## 16. Other Information

Full text of hazard symbols and R-phrases if mentioned as hazardous components in chapter 3:

Xi	Irritant.
37/38	Irritating to respiratory system and skin.
41	Risk of serious damage to eyes.

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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.