

# Safety data sheet

Page: 1/8

BASF Safety data sheet  
Date / Revised: 30.06.2015  
Product: **MasterEmaco S 680**

Version: 2.0

(30597311/SDS\_GEN\_AU/EN)

Date of print 27.05.2016

## 1. Substance/preparation and manufacturer/supplier identification

### MasterEmaco S 680

Use: Product for construction chemicals

Manufacturer/supplier:

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

Classification of the substance and mixture:

| No need for classification according to GHS criteria for this product.

Label elements and precautionary statement:

| The product does not require a hazard warning label in accordance with GHS criteria.

Other hazards which do not result in classification:

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

### 3. Composition/information on ingredients

#### Chemical nature

modified cement mortar

based on: Cement, alumina, chemicals

| No particular hazards known.

### 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: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

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

### 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 monoxide, carbon dioxide, harmful vapours

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Special protective equipment:

Wear a self-contained breathing apparatus.

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.

---

## 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:

Do not discharge into drains/surface waters/groundwater.

Methods for cleaning up or taking up:

Sweep/shovel up.

---

## 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: High density polyethylene (HDPE), Paper/Fibreboard  
Further information on storage conditions: Containers should be stored tightly sealed in a dry place.

Storage stability:

Storage temperature: 5 - 50 °C

The packed product is not damaged by low temperatures or by frost.

The packed product will not be damaged by high temperatures.

---

## 8. Exposure controls and personal protection

### Components with occupational exposure limits

No occupational exposure limits known.

### 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). Contaminated equipment or clothing should be cleaned after each use or disposed of.

---

## 9. Physical and Chemical Properties

Form: solid  
Colour: dark grey  
Odour: odourless  
Odour threshold: Not determined due to potential health hazard by inhalation.

pH value: < 11.5  
(20 °C)

Boiling point: not applicable

Flash point: not available

Flammability (solid/gas): not flammable

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

Self ignition: not self-igniting

Self heating ability: It is not a substance capable of spontaneous heating.

Explosion hazard: not explosive  
Fire promoting properties: not fire-propagating

BASF Safety data sheet  
Date / Revised: 30.06.2015  
Product: **MasterEmaco S 680**

Version: 2.0

(30597311/SDS\_GEN\_AU/EN)

Date of print 27.05.2016

Vapour pressure:  
(20 °C)  
not applicable

Density:  
(20 °C)

Bulk density:  
(20 °C)  
not applicable

Solubility in water: insoluble

Miscibility with water:  
(20 °C)  
immiscible

Hygroscopy: hygroscopic

Viscosity, dynamic:  
not applicable

Solids content: 100 %

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

Corrosion to metals: No corrosive effect on metal.

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. Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact. Based on available Data, the classification criteria are not met. The product has not been tested. The statement has been derived from the properties of the individual components.

## **Irritation**

Assessment of irritating effects:

No irritation is expected under intended use and appropriate handling. Based on available Data, the classification criteria are not met.

## **Respiratory/Skin sensitization**

Assessment of sensitization:

The product has not been tested. The statement has been derived from the properties of the individual components.

## **Germ cell mutagenicity**

Assessment of mutagenicity:

The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

## **Carcinogenicity**

Assessment of carcinogenicity:

The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

## **Reproductive toxicity**

Assessment of reproduction toxicity:

The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

## **Developmental toxicity**

Assessment of teratogenicity:

The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

## **Repeated dose toxicity and Specific target organ toxicity (repeated exposure)**

Assessment of repeated dose toxicity:

No reliable data was available concerning repeated dose toxicity. Based on available Data, the classification criteria are not met.

## **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 the properties of the individual components.

---

## **12. Ecological Information**

### **Ecotoxicity**

Assessment of aquatic toxicity:

Based on available Data, the classification criteria are not met. There is a high probability that the product is not acutely harmful to aquatic organisms.

### **Mobility**

Assessment transport between environmental compartments:

No data available.

### **Bioaccumulation potential**

Assessment bioaccumulation potential:

Discharge into the environment must be avoided.

### **Additional information**

Other ecotoxicological advice:

Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

---

## **13. Disposal Considerations**

Observe national and local legal requirements.

Residues should be disposed of in the same manner as the substance/product.

Contaminated packaging:

Completely emptied packagings can be given for recycling.

---

## **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

---

## **15. Regulatory Information**

### **Other regulations**

