

Safety data sheet

Page: 1/10

BASF Safety data sheet
Date / Revised: 04.05.2017
Product: **MASTERTOP 105**

Version: 3.0

(30362441/SDS_GEN_NZ/EN)

Date of print 04.05.2017

1. Substance/preparation and company identification

MASTERTOP 105

Use: Product for construction chemicals

Manufacturer/supplier:

BASF Australia Limited (ABN 62 008 437 867)
Level 12, 28 Freshwater Place Southbank
Victoria 3006, AUSTRALIA

Contact address:

BASF New Zealand Limited
Level 4, 4 Leonard Isitt Drive, Auckland Airport, Auckland 2022
PO Box 407 Shortland Street, Auckland 1140
NEW ZEALAND
Telephone: +64 9 255-4300
Telefax number: +64 9 255-4307

Emergency information:

National Poisons Centre: 0800 764 766
BASF Emergency Advice Number: 0800 944 955 (24 hour advice in an emergency only)
BASF Emergency Advice Number: +61 3 8855 6666 (If calling from outside New Zealand)

2. Hazard identification

Classification: Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001 (New Zealand)

Subclasses: Subclass 6.1 Category E - Substance which are acutely toxic
Subclass 6.3 Category A - Substance which are skin irritants
Subclass 8.3 Category A - Substance corrosive to ocular tissue

3. Composition/information on ingredients

Chemical nature

modified cement mortar

Hazardous ingredients

| Cement, portland, chemicals

Content (W/W): $\geq 25\%$ - $< 50\%$

CAS Number: 65997-15-1

EC-Number: 266-043-4

Hazard symbol(s): Xi

R-phrase(s): 38, 41, 37

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

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.

BASF Safety data sheet
Date / Revised: 04.05.2017
Product: **MASTERTOP 105**

Version: 3.0

(30362441/SDS_GEN_NZ/EN)

Date of print 04.05.2017

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

Additional information:

Product itself is non-combustible. Only the packaging materials can catch fire. The extinguishing agents normally used are sufficient.

Specific hazards:

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

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: tinned carbon steel (Tinplate)
Further information on storage conditions: Containers should be stored tightly sealed in a dry place.

8. Exposure controls and personal protection

Components with occupational exposure limits

silicon carbide, 409-21-2;

TWA value 10 mg/m³ (OEL (NZ))

The value is for inspirable dust containing no asbestos and less than 1% free silica. (See Appendix 1).

TWA value 10 mg/m³ (OEL (NZ))

The value is for inspirable dust containing no asbestos and less than 1% free silica. (See Appendix 1).

TWA value 10 mg/m³ (ACGIHTLV), Inhalable fraction

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

TWA value (ACGIHTLV), Fiber

Respirable fibers: length > 5 micrometers; aspect ratio ≥ 3:1, as determined by the membrane filter method at 400-450X magnification (4-mm objective), using phase-contrast illumination.

TWA value 3 mg/m³ (ACGIHTLV), Respirable fraction

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

Limestone, 1317-65-3;

TWA value 10 mg/m³ (OEL (NZ))

The value is for inspirable dust containing no asbestos and less than 1% free silica. (See Appendix 1).

TWA value 10 mg/m³ (OEL (NZ))

The value is for inspirable dust containing no asbestos and less than 1% free silica. (See Appendix 1).

aluminium oxide, 1344-28-1;

TWA value 1 mg/m³ (ACGIHTLV), Respirable fraction

TWA value 10 mg/m³ (OEL (NZ))

The value is for inspirable dust containing no asbestos and less than 1% free silica. (See Appendix 1).

TWA value 10 mg/m³ (OEL (NZ))

The value is for inspirable dust containing no asbestos and less than 1% free silica.

Gypsum (Ca(SO₄).2H₂O), 13397-24-5;

TWA value 10 mg/m3 (ACGIHTLV), Inhalable fraction

TWA value 10 mg/m3 (OEL (NZ))

The value is for inspirable dust containing no asbestos and less than 1% free silica. (See Appendix 1).

TWA value 10 mg/m3 (OEL (NZ))

The value is for inspirable dust containing no asbestos and less than 1% free silica.

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

TWA value 1 mg/m3 (ACGIHTLV), Respirable fraction

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

TWA value 10 mg/m3 (OEL (NZ))

The value is for inspirable dust containing no asbestos and less than 1% free 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). Remove contaminated clothing immediately and clean before re-use or dispose it if necessary.

9. Physical and Chemical Properties

Form: powder
Odour: product specific

pH value: approx. 12
(water, approx. 20 °C)
(as aqueous suspension)

Melting point: not applicable

BASF Safety data sheet
Date / Revised: 04.05.2017
Product: **MASTERTOP 105**

Version: 3.0

(30362441/SDS_GEN_NZ/EN)

Date of print 04.05.2017

Flammability: not flammable
Lower explosion limit:

As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.

Upper explosion limit:

As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.

Explosion hazard: not explosive

Bulk density: approx. 1,800 - 2,400 kg/m³

Solubility in water: dispersible
Hygroscopy: hygroscopic

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 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. Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation. The product has not been tested. The statement has been derived from the properties of the individual components.

Irritation

Assessment of irritating effects:

| Skin contact causes irritation. May cause severe damage to the eyes.

| Information on: Cement, portland, chemicals

Primary skin irritation rabbit: Irritant.

| Information on: Cement, portland, chemicals

Primary irritations of the mucous membrane rabbit: Severely irritating.

Assessment other acute effects

Assessment other acute effects:

| Causes temporary irritation of the respiratory tract.

Sensitization

Assessment of sensitization:

| There is no evidence of a skin-sensitizing potential. The product has not been tested. The statement has been derived from the properties of the individual components.

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

Carcinogenicity

Assessment of carcinogenicity:

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

Developmental toxicity

Assessment of teratogenicity:

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 the properties of the individual components.

12. Ecological Information

Ecotoxicity

Assessment of aquatic toxicity:

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

Mobility

Assessment transport between environmental compartments:

The substance will not evaporate into the atmosphere from the water surface. Following exposure to soil, adsorption to solid soil particles is probable, therefore contamination of groundwater is not expected.

Persistence and degradability

Assessment biodegradation and elimination (H₂O):

Inorganic product which cannot be eliminated from water by biological purification processes. The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

Experience shows this product to be inert and non-degradable.

Elimination information:

not determined

Bioaccumulation potential

Assessment bioaccumulation potential:

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

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.

BASF Safety data sheet
Date / Revised: 04.05.2017
Product: **MASTERTOP 105**

Version: 3.0

(30362441/SDS_GEN_NZ/EN)

Date of print 04.05.2017

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

Classification: Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001
(New Zealand)

Subclasses: Subclass 6.1 Category E - Substance which are acutely toxic
Subclass 6.3 Category A - Substance which are skin irritants
Subclass 8.3 Category A - Substance corrosive to ocular tissue

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.

HSNO Approval Number HSR002544
Construction Products (Subsidiary Hazard) Group Standard 2006

Registration status:

NZIOC, NZ released / listed

16. Other Information

Full text of hazard symbols and R-phrases if mentioned as hazardous components in section 3:
Xi Irritant.

BASF Safety data sheet
Date / Revised: 04.05.2017
Product: **MASTERTOP 105**

Version: 3.0

(30362441/SDS_GEN_NZ/EN)

Date of print 04.05.2017

38	Irritating to skin.
41	Risk of serious damage to eyes.
37	Irritating to respiratory system.

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. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.