

Safety data sheet

Page: 1/9

BASF Safety data sheet

Date / Revised: 25.10.2010

Product: **MASTERTOP 1080 PART B**(30362443/SDS_GEN_SG/EN)

Version: 2.0

Date of print 21.03.2011

1. Substance/preparation and company identification

MASTERTOP 1080 PART B

Use: Product for construction chemicals

Company:

BASF South East Asia Pte Ltd.

7 Temasek Boulevard,

#35-01 Suntec Tower One, 038987, SINGAPORE

Telephone: +65 6 337-0330

Telefax number: +65 6 334-0330

E-mail address: tommy.chng@basf.com

Emergency information:

International emergency number:

Telephone: +49 180 2273-112

2. Hazard identification

Classification of the substance and mixture:

Acute toxicity: Cat. 4 (Inhalation - vapour)

Skin corrosion/irritation: Cat. 2

Serious eye damage/eye irritation: Cat. 2A

■ Skin sensitizer: Cat. 1

Label elements and precautionary statement:

Pictogram:



Signal Word:

Warning

Hazard Statement:

BASF Safety data sheet

Date / Revised: 25.10.2010

Version: 2.0

Product: **MASTERTOP 1080 PART B**(30362443/SDS_GEN_SG/EN)

Date of print 21.03.2011

Causes serious eye irritation. Causes skin irritation. Harmful if inhaled. May cause an allergic skin reaction.

Precautionary Statements (Prevention):

Wear protective gloves. Use only outdoors or in a well-ventilated area. Wear eye/face protection. Do not breathe dust/gas/mist/vapours. Do not breathe mist or vapour. Contaminated work clothing should not be allowed out of the workplace. Wash with plenty of water and soap thoroughly after handling.

Precautionary Statements (Response):

Call a POISON CENTER or doctor/physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF ON SKIN (on hair): Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Precautionary Statements (Disposal):

Dispose of contents/container to hazardous or special waste collection point.

3. Composition/information on ingredients

Chemical nature

Preparation based on: inorganic compounds, alcohol, amine

Hazardous ingredients**Benzyl alcohol**

Content (W/W): $\geq 1\%$ - $< 15\%$
CAS Number: 100-51-6

Flam. Liq.: Cat. 4
Acute tox.: Cat. 4 (oral)
Acute tox.: Cat. 4 (Inhalation - mist)
Acute tox.: Cat. 4 (dermal)
Eye dam./irr.: Cat. 2A
Eco acute: Cat. 3

xylene

Content (W/W): $\geq 1\%$ - $< 10\%$
CAS Number: 1330-20-7

Flam. Liq.: Cat. 3
Acute tox.: Cat. 4 (Inhalation - vapour)
Acute tox.: Cat. 4 (dermal)
Skin corr./irr.: Cat. 2
Eco acute: Cat. 2

3-aminomethyl-3,5,5-trimethylcyclohexylamine

Content (W/W): $\geq 1\%$ - $< 7\%$
CAS Number: 2855-13-2

Acute tox.: Cat. 4 (oral)
Acute tox.: Cat. 4 (dermal)
Skin corr./irr.: Cat. 1B
Skin sens.: Cat. 1
Eco acute: Cat. 3
Eco chronic: Cat. 3

ethylbenzene

BASF Safety data sheet

Date / Revised: 25.10.2010

Version: 2.0

Product: **MASTERTOP 1080 PART B**(30362443/SDS_GEN_SG/EN)

Date of print 21.03.2011

Content (W/W): $\geq 0.1\%$ - $< 2.5\%$ Flam. Liq.: Cat. 2
CAS Number: 100-41-4 Acute tox.: Cat. 4 (Inhalation - vapour)
Acute tox.: Cat. 5 (oral)
Eco acute: Cat. 2

n-butanol

Content (W/W): $\geq 0.1\%$ - $\leq 0.8\%$ Flam. Liq.: Cat. 3
CAS Number: 71-36-3 Acute tox.: Cat. 4 (oral)
Acute tox.: Cat. 5 (dermal)
Skin corr./irr.: Cat. 2
Eye dam./irr.: Cat. 1
STOT single: Cat. 3 (drowsiness and dizziness)
STOT single: Cat. 3 (irr. to respiratory syst.)

4. First-Aid Measures

General advice:

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

If inhaled:

If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek 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: skin irritation

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

Special protective equipment:

Wear a self-contained breathing apparatus.

BASF Safety data sheet

Date / Revised: 25.10.2010

Version: 2.0

Product: **MASTERTOP 1080 PART B**(30362443/SDS_GEN_SG/EN)

Date of print 21.03.2011

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.

6. Accidental Release Measures

Personal precautions:

Use personal protective clothing. Do not breathe vapour/aerosol/spray mists. 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 inert absorbent material (e.g. sand, earth etc.). Dispose of contaminated material as prescribed.

For large amounts: Pump off product.

7. Handling and Storage

Handling

Avoid aerosol formation. Avoid inhalation of mists/vapours. Avoid skin contact. No special measures necessary provided product is used correctly.

Storage

Suitable materials for containers: tin (tinplate)

Further information on storage conditions: Keep only in the original container in a cool, well-ventilated place. Protect from direct sunlight.

8. Exposure controls and personal protection

Components with workplace control parameters

Benzyl alcohol, 100-51-6;

xylene, 1330-20-7;

TWA value 100 ppm (ACGIHTLV)

STEL value 150 ppm (ACGIHTLV)

TWA value 434 mg/m³ ; 100 ppm (OEL (SG))

STEL value 651 mg/m³ ; 150 ppm (OEL (SG))

3-aminomethyl-3,5,5-trimethylcyclohexylamine, 2855-13-2;

ethylbenzene, 100-41-4;

BASF Safety data sheet

Date / Revised: 25.10.2010

Version: 2.0

Product: **MASTERTOP 1080 PART B**(30362443/SDS_GEN_SG/EN)

Date of print 21.03.2011

TWA value 100 ppm (ACGIHTLV)
STEL value 125 ppm (ACGIHTLV)
TWA value 434 mg/m³ ; 100 ppm (OEL (SG))
STEL value 543 mg/m³ ; 125 ppm (OEL (SG))

n-butanol, 71-36-3;

TWA value 20 ppm (ACGIHTLV)
STEL value 152 mg/m³ ; 50 ppm (OEL (SG))

The substances mentioned are contained only in traces in the product.

formaldehyde, 50-00-0;

CLV 0.3 ppm (ACGIHTLV)
STEL value 0.37 mg/m³ ; 0.3 ppm (OEL (SG))

Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Combination filter for gases/vapours of organic, inorganic, acid inorganic and alkaline compounds (e.g. EN 14387 Type ABEK).

Hand protection:

Suitable chemical resistant safety gloves (EN 374) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) and other Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:

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

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

General safety and hygiene measures:

Do not inhale gases/vapours/aerosols. 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: paste
Colour: light yellow
Odour: amine-like
product specific

pH value: approx. 11
(23 °C)

BASF Safety data sheet

Date / Revised: 25.10.2010

Version: 2.0

Product: **MASTERTOP 1080 PART B**(30362443/SDS_GEN_SG/EN)

Date of print 21.03.2011

Boiling point:	> 100 °C	
Flash point:	> 60 °C	
Flammability (solid/gas):	not highly flammable	
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.	
Explosion hazard:	not explosive	
Vapour pressure:	< 2 MPa (25 °C) < 2 Pa (25 °C)	(Directive 84/449/EEC, A.4)
Relative density:	approx. 2.0 (25 °C)	
Solubility in water:	insoluble (15 °C)	
Miscibility with water:	immiscible	
:	No data available.	
Viscosity, dynamic:	approx. 4,000 - 6,000 mPa.s (23 °C)	

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, oxidizable substances

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:

Harmful by inhalation.

Information on: Benzyl alcohol

Experimental/calculated data:

BASF Safety data sheet

Date / Revised: 25.10.2010

Version: 2.0

Product: **MASTERTOP 1080 PART B**(30362443/SDS_GEN_SG/EN)

Date of print 21.03.2011

LD50 rat (oral): 1,610 mg/kg (Directive 84/449/EEC, B.1)

Information on: Benzyl alcohol

Experimental/calculated data:

LC50 rat (by inhalation): > 4.1 mg/l 4 h (OECD Guideline 403)

The European Union (EU) has classified this substance as 'harmful'. An aerosol was tested.

Information on: Benzyl alcohol

Experimental/calculated data:

LD50 rabbit (dermal): 2,000 mg/kg

Irritation

Assessment of irritating effects:

Irritating to eyes and skin.

Respiratory/Skin sensitization

Information on: 3-aminomethyl-3,5,5-trimethylcyclohexylamine

Assessment of sensitization:

Sensitization after skin contact possible.

Germ cell mutagenicity

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.

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

Assessment of repeated dose toxicity:

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

12. Ecological Information

Persistence and degradability

Assessment biodegradation and elimination (H₂O):

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

Additional information

Other ecotoxicological advice:

Do not allow to enter soil, waterways or waste water channels.

13. Disposal Considerations

Observe national and local legal requirements.

BASF Safety data sheet

Date / Revised: 25.10.2010

Version: 2.0

Product: **MASTERTOP 1080 PART B**(30362443/SDS_GEN_SG/EN)

Date of print 21.03.2011

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.

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

Regulations of the European union (Labelling)

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

Hazard symbol(s)

Xn Harmful.

R-phrases)

R20 Harmful by inhalation.
R36/38 Irritating to eyes and skin.
R43 May cause sensitization by skin contact.

S-phrases(s)

S2 Keep out of the reach of children.
S51 Use only in well-ventilated areas.
S37 Wear suitable gloves.
S24 Avoid contact with skin.
S46 If swallowed, seek medical advice immediately and show this container or label.

Other regulations

The appropriate BG leaflet should be noted (Germany).

BASF Safety data sheet

Date / Revised: 25.10.2010

Product: **MASTERTOP 1080 PART B**(30362443/SDS_GEN_SG/EN)

Version: 2.0

Date of print 21.03.2011

16. Other Information

Due to the merger of Degussa Construction chemicals and BASF Group all Material Safety Data Sheets have been reassessed on the basis of consolidated information. This may have resulted in changes of the Material Safety Data Sheets. In case you have questions concerning such changes please contact us under the address mentioned in Section I.

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.