

Safety data sheet

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BASF Safety data sheet

Date / Revised: 14.02.2011

Product: **MASTERTOP P 601, PART B**(30346188/SDS_GEN_SG/EN)

Version: 1.0

Date of print 21.03.2011

1. Substance/preparation and company identification

MASTERTOP P 601, PART B

Use: Product for construction chemicals

Company:

BASF South East Asia Pte Ltd.

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#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

3. Composition/information on ingredients

Chemical nature

Blend based on: polymeric amine, aliphatic, modified

4. First-Aid Measures

General advice:

First aid personnel should pay attention to their own safety. Immediately 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:

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, nitrogen oxides, fumes/smoke, carbon black, corrosive gases/vapours

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.

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. Ensure adequate ventilation. No special measures necessary provided product is used correctly.

Protection against fire and explosion:

The product does not contribute to the spreading of flames, nor is it self combustible, not explosive.

Storage

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. Store protected against freezing.

Protect from temperatures below: 5 °C

Protect from temperatures above: 35 °C

8. Exposure controls and personal protection

Components with workplace control parameters

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

Benzyl alcohol, 100-51-6;

1,3-Benzenedimethanamine, 1477-55-0;

CLV 0.1 mg/m³ (ACGIHTLV)

Skin Designation (ACGIHTLV)

The substance can be absorbed through the skin.

STEL value 0.1 mg/m³ (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:

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

Body protection:

Body protection must be chosen based on level of activity and exposure.

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General safety and hygiene measures:

Do not inhale gases/vapours/aerosols. Avoid contact with the skin, eyes and clothing. 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:	liquid	
Colour:	yellowish	
Odour:	amine-like	
Flash point:	> 100 °C	(DIN 53213-1)
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.	
Explosion hazard:	not explosive	
Density:	approx. 1 g/cm ³ (20 °C)	
Bulk density:	not applicable	
Viscosity, dynamic:	approx. 390 mPa.s (20 °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.
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Substances to avoid:

zinc, aluminium, oxidizing agents, strong alkalies, 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

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

Experimental/calculated data:

LD50 rat (oral): 1,030 mg/kg

Irritation

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

Experimental/calculated data:

Skin corrosion/irritation rabbit: Corrosive.

Respiratory/Skin sensitization

Assessment of sensitization:

May produce an allergic reaction. Sensitization after skin contact possible. The product has not been tested. The statement has been derived from the properties of the individual components.

Experimental/calculated data:

May produce an allergic reaction.

Germ cell mutagenicity

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.

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.

Other relevant toxicity information

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

12. Ecological Information

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Ecotoxicity

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

Aquatic invertebrates:

EC50 (48 h) 23 mg/l, Daphnia magna (OECD Guideline 202, part 1, static)

Nominal values (confirmed by concentration control analytics)

EC50 (48 h) 388 mg/l, Chaetogammarus marinus (semistatic)

The details of the toxic effect relate to the nominal concentration.

Additional information

Other ecotoxicological advice:

Acutely toxic for aquatic organisms. The product should not be allowed to reach either ground or open waters. Do not release untreated into natural waters. 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:

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:**

Hazard class:	8
Packing group:	III
ID number:	UN 2735
Hazard label:	8, EHSM
Proper shipping name:	AMINES, LIQUID, CORROSIVE, N.O.S. (contains ISOPHORONEDIAMINE)

Sea transport

IMDG

Hazard class:	8
Packing group:	III
ID number:	UN 2735
Hazard label:	8, EHSM
Marine pollutant:	YES
Proper shipping name:	AMINES, LIQUID, CORROSIVE, N.O.S. (contains ISOPHORONEDIAMINE)

Air transport

IATA/ICAO

Hazard class:	8
Packing group:	III

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ID number:	UN 2735
Hazard label:	8
Proper shipping name:	AMINES, LIQUID, CORROSIVE, N.O.S. (contains ISOPHORONEDIAMINE)

15. Regulatory Information

Regulations of the European union (Labelling)

Hazard symbol(s)

C	Corrosive.
N	Dangerous for the environment.

R-phrases(s)

R34	Causes burns.
R43	May cause sensitization by skin contact.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases(s)

S2	Keep out of the reach of children.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28	After contact with skin, wash immediately with plenty of ... (to be specified by the manufacturer).
S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S22	Do not breathe dust.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

Hazard determining component(s) for labelling: M-PHENYLENEBIS(METHYLAMINE), ISOPHORONEDIAMINE, POLYETHERDIAMINE

Other regulations

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.

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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.