

Safety data sheet

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BASF Safety data sheet

Date / Revised: 03.11.2009

Product: **MASTERTOP TC 465 COLORED PART A**

Version: 1.0

(30511539/SDS_GEN_SG/EN)

Date of print 11.05.2010

1. Substance/preparation and company identification

MASTERTOP TC 465 COLORED PART A

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

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Emergency information:

International emergency number:

Telephone: +49 180 2273-112

2. Composition/information on ingredients

Chemical nature

Preparation based on: polyurethane

Hazardous ingredients

xylene

Content (W/W): $\geq 0.5\%$ - $\leq 2.5\%$

CAS Number: 1330-20-7

EC-Number: 215-535-7

INDEX-Number: 601-022-00-9

Hazard symbol(s): Xn

R-phrase(s): 10, 20/21, 38

n-Butyl acetate

Content (W/W): $\geq 0.5\%$ - $\leq 2.5\%$
CAS Number: 123-86-4
EC-Number: 204-658-1
INDEX-Number: 607-025-00-1
R-phrases(s): 10, 66, 67

Solvent naphtha (petroleum), light arom.

Content (W/W): $\geq 0.1\%$ - $\leq 0.5\%$
CAS Number: 64742-95-6
EC-Number: 265-199-0
INDEX-Number: 649-356-00-4
Hazard symbol(s): Xn, N
R-phrases(s): 10, 65, 66, 67, 51/53

1,2,4-trimethylbenzene

Content (W/W): $\geq 0.1\%$ - $\leq 0.5\%$
CAS Number: 95-63-6
EC-Number: 202-436-9
INDEX-Number: 601-043-00-3
Hazard symbol(s): Xn, N
R-phrases(s): 10, 20, 36/37/38, 51/53

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

3. Hazard identification

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:

Keep patient calm, remove to fresh air, seek medical attention.

On skin contact:

Wash thoroughly with soap and water. If irritation develops, seek medical attention.

On contact with eyes:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

On ingestion:

Rinse mouth and then drink plenty of water. If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting unless told to by a poison control center or doctor. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

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Note to physician:
Treatment: Symptomatic treatment (decontamination, vital functions).

5. Fire-Fighting Measures

Suitable extinguishing media:
foam, water spray, dry extinguishing media, 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:
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. Sources of ignition should be kept well clear. 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. Take precautionary measures against static discharges. No special measures necessary provided product is used correctly.

Protection against fire and explosion:
No special precautions necessary.

Storage

Segregate from lyes. Segregate from oxidants. Segregate from foods and animal feeds.
Further information on storage conditions: Containers should be stored tightly sealed in a dry place.
Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Store protected against freezing.

8. Exposure controls and personal protection

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:

light protective clothing

General safety and hygiene measures:

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:	liquid
Colour:	various colours
Odour:	solvent-like
pH value:	not applicable
Melting point:	not applicable
Boiling point:	not applicable
Flash point:	approx. 68 °C
Explosion hazard:	not explosive

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Fire promoting properties: not fire-propagating

Density: approx. 1.34 g/cm³
(20 °C)

Viscosity, dynamic: approx. 2,100 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 oxidizing agents, strong reducing agents

Hazardous reactions:
No hazardous reactions when stored and handled according to instructions.
The product is stable if stored and handled as prescribed/indicated.

11. Toxicological Information

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.

12. Ecological Information

Ecotoxicity

Assessment of aquatic toxicity:
At the present state of knowledge, no negative ecological effects are expected.

Information on: 1,2,4-trimethylbenzene
Toxicity to fish:
LC50 (8 d) 7.4 mg/l, Pimephales promelas (Flow through.)
Literature data.

Information on: 1,2,4-trimethylbenzene
Aquatic invertebrates:
EC50 (48 h) approx. 6.14 mg/l, Daphnia magna (OECD Guideline 202, part 1, static)
The statement of the toxic effect relates to the analytically determined concentration. The product has low solubility in the test medium. An eluate has been tested. Literature data.

Information on: 1,2,4-trimethylbenzene
Aquatic plants:
EC50 (72 h) 1 - 2 mg/l (growth rate), Chlorella sp. (static)
Literature data.

Additional information

Other ecotoxicological advice:
Do not discharge product into the environment without control.

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

Regulations of the European union (Labelling)

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

The product does not require a hazard warning label in accordance with EC Directives.

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. In addition to the information given in the safety data sheet we refer to the product specific 'Technical Information'.

Full text of hazard symbols and R-phrases if mentioned as hazardous components in chapter 2:

Xn	Harmful.
N	Dangerous for the environment.
10	Flammable.
20/21	Harmful by inhalation and in contact with skin.
38	Irritating to skin.
66	Repeated exposure may cause skin dryness or cracking.
67	Vapours may cause drowsiness and dizziness.
65	Harmful: may cause lung damage if swallowed.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
20	Harmful by inhalation.
36/37/38	Irritating to eyes, respiratory system and skin.

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.