

Safety data sheet

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BASF Safety data sheet

Date / Revised: 22.03.2016

Version: 4.0

Product: **MasterBrace P 3500 PART B MBRACE PRIMER PART B**

(30558514/SDS_GEN_AU/EN)

Date of print 23.03.2016

1. Substance/preparation and manufacturer/supplier identification

MasterBrace P 3500 PART B MBRACE PRIMER PART B

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:

Acute toxicity: Cat. 4 (oral)

Acute toxicity: Cat. 4 (Inhalation - mist)

Acute toxicity: Cat. 4 (dermal)

Skin corrosion/irritation: Cat. 1B

Serious eye damage/eye irritation: Cat. 1

Skin sensitization: Cat. 1

Hazardous to the aquatic environment - acute: Cat. 3

Hazardous to the aquatic environment - chronic: Cat. 3

Label elements and precautionary statement:

Pictogram:

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Signal Word:

Danger

Hazard Statement:

Harmful in contact with skin. Harmful if inhaled. Harmful if swallowed. May cause an allergic skin reaction. Causes severe skin burns and eye damage. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated area. Do not breathe dust or mist. Avoid breathing mist. Avoid release to the environment. Do not breathe mist or vapour. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Wash with plenty of water and soap thoroughly after handling.

Precautionary Statements (Response):

Immediately 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 person to fresh air and keep comfortable for breathing. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Take off immediately all contaminated clothing and wash it before reuse.

Precautionary Statements (Storage):

Store locked up.

Precautionary Statements (Disposal):

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

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

Blend based on: polymeric amine, aliphatic, modified

Hazardous ingredients

Benzoic acid, 2-hydroxy-

Content (W/W): $\geq 7\%$ - $< 10\%$

CAS Number: 69-72-7

Acute Tox.: Cat. 4 (oral)

Eye Dam./Irrit.: Cat. 1

Aquatic Acute: Cat. 3

Benzyl alcohol

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| | |
|---------------------------------------|--|
| Content (W/W): $\geq 20\%$ - $< 25\%$ | Flam. Liq.: Cat. 4 |
| CAS Number: 100-51-6 | Acute Tox.: Cat. 4 (oral) |
| | Acute Tox.: Cat. 4 (Inhalation - mist) |
| | Acute Tox.: Cat. 4 (dermal) |
| | Eye Dam./Irrit.: Cat. 2A |
| | Aquatic Acute: Cat. 3 |

3-aminomethyl-3,5,5-trimethylcyclohexylamine

| | |
|---------------------------------------|-----------------------------|
| Content (W/W): $\geq 50\%$ - $< 75\%$ | Acute Tox.: Cat. 4 (oral) |
| CAS Number: 2855-13-2 | Acute Tox.: Cat. 4 (dermal) |
| | Skin Corr./Irrit.: Cat. 1B |
| | Eye Dam./Irrit.: Cat. 1 |
| | Skin Sens.: Cat. 1A |
| | Aquatic Acute: Cat. 3 |
| | Aquatic Chronic: Cat. 3 |

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:

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

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Specific hazards:

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

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. If exposed to fire, keep containers cool by spraying with water. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental Release Measures

Personal precautions:

Do not breathe vapour/aerosol/spray mists. Wear eye/face protection. If exposed to high vapour concentration, leave area immediately. Use personal protective clothing. 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: tinned carbon steel (Tinplate), High density polyethylene (HDPE)

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.

Protect from temperatures below: 5 °C

Protect from temperatures above: 35 °C

8. Exposure controls and personal protection

Components with occupational exposure limits

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No occupational exposure limits known.

Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Particle filter with high efficiency for solid and liquid particles (e.g. EN 143 or 149, Type P3 or FFP3).

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) etc. 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. Avoid contact with the skin, eyes and clothing. Avoid exposure - obtain special instructions before use. Handle in accordance with good building materials hygiene and safety practice. Wearing of closed work clothing is recommended. 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: ammonia-like
Odour threshold: No applicable information available.

pH value: 11

Boiling point: ≥ 200 °C

Flash point: > 150 °C

Flammability (solid/gas): not self-igniting

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

Explosion hazard: not explosive

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Density: 0.98 g/cm³
(25 °C)
not applicable

Solubility in water: emulsifiable
(20 °C)

Miscibility with water:
(20 °C)
partly miscible

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, strong bases, strong oxidizing agents, strong reducing agents

Corrosion to metals: No data available.

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:

Of moderate toxicity after short-term inhalation. Of moderate toxicity after short-term skin contact. Of moderate toxicity after single ingestion.

Irritation

Assessment of irritating effects:

| Corrosive! Damages skin and eyes. May cause severe damage to the eyes.

Respiratory/Skin sensitization

Assessment of sensitization:

| Sensitization after skin contact possible.

Germ cell mutagenicity

Assessment of mutagenicity:

The substance was not mutagenic in bacteria.

Carcinogenicity

Assessment of carcinogenicity:

No data available.

Reproductive toxicity

Assessment of reproduction toxicity:

No reliable data are available concerning reproduction toxicity.

Developmental toxicity

Assessment of teratogenicity:

No reliable data was available concerning teratogenicity.

Other relevant toxicity information

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

12. Ecological Information

Ecotoxicity

Assessment of aquatic toxicity:

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Mobility

Assessment transport between environmental compartments:

The substance will not evaporate into the atmosphere from the water surface.

Adsorption to solid soil phase is possible.

Persistence and degradability

Assessment biodegradation and elimination (H₂O):

Not readily biodegradable (by OECD criteria). The product has not been tested. The statement has been derived from the properties of the individual components.

Additional information

Other ecotoxicological advice:

Acutely harmful 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.

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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 2289
Hazard label: 8
Proper shipping name: ISOPHORONEDIAMINE MIXTURE

Further information

Hazchem Code:2X

IERG Number:36

Sea transport

IMDG

Hazard class: 8
Packing group: III
ID number: UN 2289
Hazard label: 8
Marine pollutant: NO
Proper shipping name: ISOPHORONEDIAMINE MIXTURE

Air transport

IATA/ICAO

Hazard class: 8
Packing group: III
ID number: UN 2289
Hazard label: 8
Proper shipping name: ISOPHORONEDIAMINE MIXTURE

15. Regulatory Information

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.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP): Schedule 5

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Registration status:

AICS, AU

released / listed

16. Other Information

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.