

Safety data sheet

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BASF Safety data sheet

Date / Revised: 13.05.2016

Version: 3.0

Product: **MasterProtect 160 SPECIAL COLOURS also MASTERSEAL 160 SPECIAL COLOURS**

(30433628/SDS_GEN_AU/EN)

Date of print 14.05.2016

1. Substance/preparation and manufacturer/supplier identification

MasterProtect 160 SPECIAL COLOURS also MASTERSEAL 160 SPECIAL COLOURS

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:

Skin corrosion/irritation: Cat. 3

Serious eye damage/eye irritation: Cat. 2A

Hazardous to the aquatic environment - acute: Cat. 3

Label elements and precautionary statement:

Pictogram:



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Signal Word:

Warning

Hazard Statement:

Causes serious eye irritation. Causes mild skin irritation. Harmful to aquatic life.

Precautionary Statements (Prevention):

Wear eye/face protection. Avoid release to the environment. Wash with plenty of water and soap thoroughly after handling.

Precautionary Statements (Response):

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Call a POISON CENTER or doctor/physician. If skin irritation occurs: Get medical advice/attention.

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: acrylic copolymer

Hazardous ingredients

2-butoxyethanol

Content (W/W): $\geq 1\%$ - $< 7\%$

CAS Number: 111-76-2

Flam. Liq.: Cat. 4

Acute Tox.: Cat. 4 (Inhalation - vapour)

Acute Tox.: Cat. 4 (oral)

Acute Tox.: Cat. 4 (dermal)

Skin Corr./Irrit.: Cat. 2

Eye Dam./Irrit.: Cat. 2A

Butyl diglycol

Content (W/W): $\geq 1\%$ - $< 7\%$

CAS Number: 112-34-5

Acute Tox.: Cat. 5 (oral)

Acute Tox.: Cat. 5 (dermal)

Skin Corr./Irrit.: Cat. 3

Eye Dam./Irrit.: Cat. 2B

ammonia, aqueous solution

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Content (W/W): $\geq 0.3\%$ - $< 1\%$	Skin Corr./Irrit.: Cat. 1B
CAS Number: 1336-21-6	Eye Dam./Irrit.: Cat. 1
	STOT SE: Cat. 3 (irr. to respiratory syst.)
	Aquatic Acute: Cat. 1
	Aquatic Chronic: Cat. 2

Stoddard solvent

Content (W/W): $\geq 1\%$ - $< 7\%$	Asp. Tox.: Cat. 1
CAS Number: 8052-41-3	Flam. Liq.: Cat. 3
	Muta.: Cat. 1B
	Carc.: Cat. 1B
	STOT RE (Central nervous system): Cat. 1

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: 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

Specific hazards:

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

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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. 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: High density polyethylene (HDPE)
Further information on storage conditions: Keep only in the original container in a cool, well-ventilated place. Protect from direct sunlight. Store protected against freezing.

8. Exposure controls and personal protection

Components with occupational exposure limits

Titanium dioxide, 13463-67-7;

TWA value 10 mg/m³ (ACGIHTLV)

TWA value 10 mg/m³ (AU NOEL), Inhalable dust

This value is for inhalable dust containing no asbestos and < 1% crystalline silica.

TWA value 10 mg/m³ (OEL (AU)), Inhalable dust

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calcium carbonate, 471-34-1;

TWA value 10 mg/m³ (OEL (AU)), Inhalable dustTWA value 10 mg/m³ (AU NOEL), Inhalable dust

This value is for inhalable dust containing no asbestos and < 1% crystalline silica.

Stoddard solvent, 8052-41-3;

TWA value 100 ppm (ACGIHTLV)

TWA value 790 mg/m³ (OEL (AU))TWA value 790 mg/m³ (AU NOEL)

2-butoxyethanol, 111-76-2;

TWA value 20 ppm (ACGIHTLV)

STEL value 242 mg/m³ ; 50 ppm (AU NOEL)

Skin Designation (AU NOEL)

The substance can be absorbed through the skin.

TWA value 96.9 mg/m³ ; 20 ppm (AU NOEL)

Skin Designation (OEL (AU))

The substance can be absorbed through the skin.

TWA value 96.9 mg/m³ ; 20 ppm (OEL (AU))STEL value 242 mg/m³ ; 50 ppm (OEL (AU))

ammonia, 7664-41-7;

TWA value 25 ppm (ACGIHTLV)

STEL value 35 ppm (ACGIHTLV)

TWA value 17 mg/m³ ; 25 ppm (AU NOEL)STEL value 24 mg/m³ ; 35 ppm (AU NOEL)STEL value 24 mg/m³ ; 35 ppm (OEL (AU))TWA value 17 mg/m³ ; 25 ppm (OEL (AU))

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) 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:

Avoid contact with the skin, eyes and clothing. In order to prevent contamination while handling, closed working clothes and working gloves should be used. Handle in accordance with good building

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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
Odour: not applicable
Odour threshold: No applicable information available.

pH value: 10

Boiling point: 100 °C

Flash point:
not applicable

Flammability (solid/gas): not determined

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

Explosion hazard: not explosive

Fire promoting properties: not fire-propagating

Vapour pressure: 32 mbar
(25 °C)

Density: 1.3 - 1.35 g/cm³
(25 °C)
1.35 g/cm³
(20 °C)

Bulk density:
not applicable

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

Hazardous reactions:

The product is stable if stored and handled as prescribed/indicated.

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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 by inhalation. Virtually nontoxic after a single skin contact. Based on available Data, the classification criteria are not met. The product has not been tested. The statement has been derived from the properties of the individual components.

Irritation

Assessment of irritating effects:

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

Eye contact causes irritation. Skin contact causes slight irritation.

Respiratory/Skin sensitization

Assessment of sensitization:

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

Germ cell mutagenicity

Assessment of mutagenicity:

The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

Carcinogenicity

Assessment of carcinogenicity:

The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

Reproductive toxicity

Assessment of reproduction toxicity:

The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

Developmental toxicity

Assessment of teratogenicity:

The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

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

Assessment of repeated dose toxicity:

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No reliable data was available concerning repeated dose toxicity. Based on available Data, the classification criteria are not met.

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:

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. The product has not been tested. The statement has been derived from the properties of the individual components.

Acutely harmful for aquatic organisms. The product has not been tested. The statement has been derived from the properties of the individual components.

Mobility

Assessment transport between environmental compartments:

No data available.

Bioaccumulation potential

Assessment bioaccumulation potential:

Discharge into the environment must be avoided.

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.

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

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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

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): Not Scheduled

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. 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.