

# Material Safety Data Sheet

according to 91/155/EEC

**Product name :** MASTERTOP BC 379 AS, COMP B (CONIPOX 279AS)  
279AS\_B  
**Revision :** 07.07.2006      **Version :** 7.0.0  
**Print date :** 24.07.2006

---

## 01. Identification of substance, preparation and company

### Product name

MASTERTOP BC 379 AS, COMP B (CONIPOX 279AS) (630-0279-5366) (279AS\_B)

### Manufacturer/Supplier

BASF Construction Chemicals (UK) Ltd

### Street/P.O.Box

19 Broadground Road, Lakeside

### Country code/Postal code/Town/City

Redditch, Worcestershire, B98 8YP

### Telephone / Telefax

+44-161-794-7411 / +44-1527-503576

### Emergency information

---

## 02. Composition/information on ingredients

### Chemical characterization

Modified cycloaliphatic polyamine mixture

### Hazardous components

BENZYL ALCOHOL ; EC-No. : 202-859-9 ; CAS-No. : 100-51-6

Percentage : 25 - 50 %

Classification : Xn ; R 20/22

M-PHENYLENEBIS(METHYLAMINE) ; EC-No. : 216-032-5 ; CAS-No. : 1477-55-0

Percentage : 25 - 50 %

Classification : C ; R 34 Xn ; R 20/21/22

ETHANOL ; EC-No. : 200-578-6 ; CAS-No. : 64-17-5

Percentage : 2,5 - 10 %

Classification : F ; R 11

POLYOXYPROPYLEN DIAMINE ; CAS-No. : 9046-10-0

Percentage : 2,5 - 10 %

Classification : C ; R 34 Xn ; R 21/22

2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL ; EC-No. : 202-013-9 ; CAS-No. : 90-72-2

Percentage : 2,5 - 10 %

Classification : Xn ; R 22 Xi ; R 36/38

For the wording of the listed risk phrases refer to section 16.

---

## 03. Hazards identification

### Hazard designation

# Material Safety Data Sheet

according to 91/155/EEC

**Product name :** MASTERTOP BC 379 AS, COMP B (CONIPOX 279AS)  
279AS\_B  
**Revision :** 07.07.2006      **Version :** 7.0.0  
**Print date :** 24.07.2006

---

Flammable. · Causes burns. · Harmful by inhalation, in contact with skin and if swallowed.  
Classification : R 10 · C ; R 34 · Xn ; R 20/21/22

---

## 04. First-aid measures

### **After inhalation**

Take the casualty into the fresh air and keep warm. Keep at rest. Irregular breathing/no breathing: artificial respiration.  
Unconsciousness: lateral position - call a physician.

### **After skin contact**

Immediately remove all contaminated clothing. Wash away with soap and water and rinse. Do NOT use solvents or thinners.

### **After eye contact**

Remove contact lenses, keep eyelids open. Flush with plenty of water (10 - 15 min.). Call a physician.

### **After ingestion**

Contact a doctor immediately. Keep at rest. Do not induce vomiting.

---

## 05. Fire-fighting measures

### **Suitable extinguishing media**

Alcohol resistant foam, CO<sub>2</sub>, powders, water spray.

### **Unsuitable extinguishing media**

Waterjet.

### **Special risk posed by the substance or by the actual preparation, its combustion products or gases discharged**

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

### **Special protective equipment**

Appropriate breathing apparatus may be required.

### **Additional information**

Cool endangered containers with water in case of fire. Do not allow the quenching water into the sewage system.

---

## 06. Accidental release measures

### **Personal precautions**

Remove ignition sources. Provide for sufficient ventilation. Do not inhale the vapour. Refer to protective measures listed in sections 7 and 8.

### **Environmental precautions**

Do not empty into drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

### **Methods for cleaning up/collecting**

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent; avoid use of solvents.

---

## 07. Handling and storage

### **Information for safe handling**

Prevent the creation of inflammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the OEL (=Occupational Exposure Limit). Additionally, the product should only be used in areas from which all naked lights

# Material Safety Data Sheet

according to 91/155/EEC

**Product name :** MASTERTOP BC 379 AS, COMP B (CONIPOX 279AS)  
279AS\_B  
**Revision :** 07.07.2006      **Version :** 7.0.0  
**Print date :** 24.07.2006

---

and other sources of ignition have been excluded. Avoid contact with skin and eyes. Do not inhale the vapour. Do not eat or drink during work - no smoking. Comply with the health and safety at work laws.

## Information about protection against explosions and fires

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

## Requirements to be met by storerooms and containers

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

## Information about separation of incompatible products

Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

## Further information about storage conditions

Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Keep away from ignition sources - No smoking.

**Storage class (VCI) :** 3A

---

## 08. Exposure controls and personal protection

Switzerland: The limit values are identical to those give by the swiss occupational health organisation SUVA as long as not otherwise specified.

### Additional information about engineering measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit) , suitable respiratory protection must be worn.

### Components with critical values that require monitoring at the workplace (exposure limits)

ETHANOL ; CAS-No. : 64-17-5

Specification : TRGS 900 - maximum limit in the atmosphere at the workplace ( D )

Value : 500 ppm / 960 mg/m<sup>3</sup>

Category : 2(II)

Remarks : Y

Version date : 01.01.2006

### Personal protective equipment

#### General protective and hygiene measures

Wash hands before breaks and after work.

#### Respiratory protection

If workplace limits are exceeded, a gas mask approved for this purpose must be worn.

#### Hand protection

Butylrubber >= 0,5mm >= 480 min. After washing hands replace lost skin fat by fat containing skin creams. By using other gloves with a lower endurance, change them more often.

#### Eye protection

Use safety glasses.

#### Body protection

Personal should wear antistatic clothings made of natural fiber or of high temperature resistant synthetic fiber. All parts of the body should be washed after contact.

---

# Material Safety Data Sheet

according to 91/155/EEC

**Product name :** MASTERTOP BC 379 AS, COMP B (CONIPOX 279AS)  
279AS\_B  
**Revision :** 07.07.2006      **Version :** 7.0.0  
**Print date :** 24.07.2006

---

## 09. Physical and chemical properties

### Image

**Form :** Liquid.  
**Colour :** Colourless.  
**Odour :** Like amine.

### Relevant safety data

<b>Boiling point / range :</b>	( 1013 hPa )	ca.	150	°C	
<b>Flash point :</b>			45	°C	DIN 53213
<b>Vapour pressure :</b>	( 50 °C )		no data available		
<b>Density :</b>	( 20 °C )		1,06	g/cm <sup>3</sup>	
<b>Solvent-separation test :</b>	( 20 °C )	<	3	%	
<b>Viscosity :</b>	( 20 °C )		2500	mPa.s	

---

## 10. Stability and reactivity

### Conditions to avoid

Stable under recommended storage and handling conditions(See section 7).

### Materials to avoid

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions. Exothermic reactions with isocyanates and epoxide resin.

### Hazardous decomposition products

Corrosive gases / vapours. Ammonia When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

---

## 11. Toxicological information

### Experience on practice

Inhalation/eye contact: in high concentrations irritating to the mucous membranes, narcotic effect and influence on power of reaction and loss of coordination possible. Prolonged inhalation of vapours in high concentrations may lead to headache, giddiness and nausea. In case of contact with the product: danger of resorption through the skin, irritation of skin/mucous membranes.

### Additional toxicological information

The product was classified in toxicological terms on the basis of the results of the calculation procedure outlined within General Directive on Preparations (1999/45/EC).

---

## 12. Ecological information

### Ecotoxic effects

#### Aquatic toxicity

Specification :	Toxicity to fish ( BENZYL ALCOHOL ; CAS-No. : 100-51-6 )
Parameters :	LC 50 Pimephales promelas
Value / dosage :	460 mg/l
Test-period :	96 h
Specification :	Toxicity to fish ( BENZYL ALCOHOL ; CAS-No. : 100-51-6 )
Parameters :	LC 50 Lepomis macrochirus

# Material Safety Data Sheet

according to 91/155/EEC

**Product name :** MASTERTOP BC 379 AS, COMP B (CONIPOX 279AS)  
279AS\_B  
**Revision :** 07.07.2006      **Version :** 7.0.0  
**Print date :** 24.07.2006

---

Value / dosage : 27 mg/l  
Test-period : 96 h  
Specification : Toxicity to daphnia ( BENZYL ALCOHOL ; CAS-No. : 100-51-6 )  
Parameters : EC50  
Species: Daphnia magna Straus 1820

Value / dosage : 400 mg/l  
Test-period : 24 h  
Specification : Toxicity to algae ( BENZYL ALCOHOL ; CAS-No. : 100-51-6 )  
Parameters : EC50  
Scenedesmus subspicatus

Value / dosage : 640 mg/l  
Test-period : 96 h  
Specification : Toxicity to fish ( 2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL ; CAS-No. : 90-72-2 )  
Parameters : LC 50  
Species: Trout

Value / dosage : 222 mg/l  
Test-period : 24 h

## Additional ecological information

### General ecological information

Do not empty into waters or drains.

---

## 13. Disposal considerations

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

### Product

#### Waste key

According to the actual waste legislation it is not possible for us to give the waste code because it depends on the application of the product that we do not know here. If you need some help to determine this code, please ask your executives. Disposal Code according to European Waste Catalog (EWC) please specify according to the use of product, e.g.: 080111\* Waste from production, formulation, sales and application of paints and varnishes. Old paints and varnishes, containing organic solvents or some other dangerous product.

---

## 14. Transport information

### Land transport ADR/RID

#### Classification

**Class :** 3      **Kemlercode :** 38  
**Substance number :** 2924      **Classification-Code :** FC

LQ 7

#### Proper shipping name

FLAMMABLE LIQUID, CORROSIVE, N.O.S.

#### Hazardous components

M-PHENYLENEBIS(METHYLAMINE) · ETHANOL

#### Packaging

**Packaging group :** III  
**Label :** 3 / 8

### Maritime transport IMDG/GGVSea

# Material Safety Data Sheet

according to 91/155/EEC

**Product name :** MASTERTOP BC 379 AS, COMP B (CONIPOX 279AS)  
279AS\_B  
**Revision :** 07.07.2006      **Version :** 7.0.0  
**Print date :** 24.07.2006

---

## Classification

**IMDG-Code :** 3      **EmS number :** F-E / S-C  
**UN number :** 2924      **Marine Poll. :** -  
LQ 5 I

## Proper shipping name

POLYAMINES, FLAMMABLE, CORROSIVE, N.O.S. · FLAMMABLE LIQUID, CORROSIVE, N.O.S.

## Hazardous components

M-PHENYLENEBIS(METHYLAMINE) · ETHANOL

## Packaging

**Packaging group :** III  
**Label :** 3 / 8

## Air transport ICAO-TI and IATA-DGR

### Classification

**Class :** 3 / 8  
**UN number :** 2924

### Proper shipping name

POLYAMINES, FLAMMABLE, CORROSIVE, N.O.S. · FLAMMABLE LIQUID, CORROSIVE, N.O.S.

### Hazardous components

M-PHENYLENEBIS(METHYLAMINE) · ETHANOL

### Packaging

**Packaging group :** III  
**Label :** 3 / 8

---

## 15. Regulatory information

### Classification according to EC directives

#### Danger symbol and danger designation



C ; Corrosive

#### Hazard-determining components of labelling

BENZYL ALCOHOL ; CAS-No. : 100-51-6  
M-PHENYLENEBIS(METHYLAMINE) ; CAS-No. : 1477-55-0

#### R-phrases

10      Flammable.  
34      Causes burns.  
20/21/22      Harmful by inhalation, in contact with skin and if swallowed.

#### S-phrases

1/2      Keep locked up and out of the reach of children.  
35      This material and its container must be disposed of in a safe way.  
51      Use only in well-ventilated areas.  
36/37/39      Wear suitable protective clothing, gloves and eye/face protection.  
46      If swallowed, seek medical advice immediately and show this container or label.  
64      If swallowed, rinse mouth with water (only if the person is conscious).

# Material Safety Data Sheet

according to 91/155/EEC

**Product name :** MASTERTOP BC 379 AS, COMP B (CONIPOX 279AS)  
279AS\_B  
**Revision :** 07.07.2006      **Version :** 7.0.0  
**Print date :** 24.07.2006

---

28                      After contact with skin, wash immediately with plenty of ... (to be specified by the manufacturer).  
45                      In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
26                      In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

## National regulatory information

Germany: Safety Instruction Code of German occupational safety and health organisation. Berufsgenossenschaften der Bauwirtschaft: GISCODE RE 1

### Regulation on inflammable liquids (VbF)

VbF-Class : Not dangerous according to VbF

### Emission control act ("TA-Luft")

Sum organic substances class I : 25 - 30 %

### Water pollution classification

Class : 2 according to VwVwS

### Other regulations

Please refer to guideline M 004 "Irritant/Corrosive Chemicals" BG Chemie! (DE)

---

## 16. Other information

### Further information

We have no knowledge or control over the user's working conditions however. The product may not be used for any purpose other than that specified in chapter 16 unless written consent has been obtained. The user is responsible for the observance of all required statutory provisions.

### Relevant changes

08. Components with critical values that require monitoring at the workplace (exposure limits) · 14. Proper shipping name (ADR) · 14. Proper shipping name (IMDG) · 14. Proper shipping name (ICAO) · 15. R-phrases

### R-Phrases of components

11                      Highly flammable.  
20/21/22              Harmful by inhalation, in contact with skin and if swallowed.  
20/22                      Harmful by inhalation and if swallowed.  
21/22                      Harmful in contact with skin and if swallowed.  
22                        Harmful if swallowed.  
34                        Causes burns.  
36/38                    Irritating to eyes and skin.

### Department issuing data sheet

BASF Construction Chemicals Business Line Performance Flooring.

### Contact

R. Burgos / C. Schmidt

---

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

---