Material Safety Data Sheet

according to 91/155/EEC

Product name :	MASTERTOP P 602, COMP B (CONIPOX 602) MTOPP602_B		
Revision :	07.07.2006	**Version :**	3.0.0
Print date :	24.07.2006		

01. Identification of substance, preparation and company

Product name

MASTERTOP P 602, COMP B (CONIPOX 602) (630-0602-5334) (MTOPP602_B)

Manufacturer/Supplier

BASF Construction Chemicals

Street/P.O.Box

19 Broad Ground Road, Lakeside

Country code/Postal code/Town/City

Redditch, Worcestershire B98 8YP

Telephone / Telefax

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Emergency information

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Centre Anti - Poison +0033 01 40 37 04 04 (FR)
Toxikologické informa-ní st-edisko +00420 224 919 293 (CZ)
Myrkytystietokeskus puh.(suora) +358 (0) 9 471 977 (vaihde) 094711 (FIN)

02. Composition/information on ingredients

Chemical characterization

Modified cycloaliphatic polyamine mixture

Hazardous components

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

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

Percentage : 25 - 50 %
Classification : Xn ; R 22 Xi ; R 36/38

2-PIPERAZIN-1-YLETHYLAMINE ; EC-No. : 205-411-0 ; CAS-No. : 140-31-8

Percentage : 2,5 - 10 %
Classification : C ; R 34 R 43 R 52/53 Xn ; R 21/22

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

Percentage : 2,5 - 10 %
Classification : F ; R 11

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

03. Hazards identification

Hazard designation

Causes burns. · May cause sensitisation by skin contact. · Harmful by inhalation, in contact with skin and if swallowed.
Classification : C ; R 34 · R 43 · 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, CO2, 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

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

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.

Requirements to be met by storerooms and containers

Containers should be kept dry and sealed. 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.

Storage class (VCI) : 8

08. Exposure controls and personal protection

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^3
Category :	2(II)
Remarks :	Y
Version date :	01.01.2006

Personal protective equipment

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

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

Eye protection
Use safety glasses.

Body protection
Light protective clothing.

09. Physical and chemical properties

Image

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

Relevant safety data

Boiling point / range :	(1013 hPa)		no data available		
Flash point :		>	100	°C	DIN 53213
Vapour pressure :	(50 °C)		no data available		
Density :	(20 °C)		0,99	g/cm^3	
Solvent-separation test :	(20 °C)		inapplicable		

Viscosity :	(20 °C)	460	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

Prolonged inhalation of vapours in high concentrations may lead to headache, giddiness and nausea. The product causes skin corrosions,and it causes serious damage to eyes.

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

Ecotoxical effects

Aquatic toxicity

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 :	8	**Kemlercode :**	80
Substance number :	2735	**Classification-Code :**	C7

LQ19

Proper shipping name

AMINE, LIQUID, CORROSIVE, N.O.S.

Hazardous components

M-PHENYLENEBIS(METHYLAMINE)

Packaging

Packaging group :	III
Label :	8

Maritime transport IMDG/GGVSea

Classification

IMDG-Code :	8	**EmS number :**	F-A / S-B
UN number :	2735	**Marine Poll. :**	-

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Proper shipping name

AMINE, LIQUID, CORROSIVE, N.O.S.

Hazardous components

M-PHENYLENEBIS(METHYLAMINE)

Packaging

Packaging group :	III
Label :	8

Air transport ICAO-TI and IATA-DGR

Classification

Class :	8
UN number :	2735

Proper shipping name

AMINE, LIQUID, CORROSIVE, N.O.S.

Hazardous components

M-PHENYLENEBIS(METHYLAMINE)

Packaging

Packaging group :	III
Label :	8

15. Regulatory information

Classification according to EC directives

Danger symbol and danger designation

C ; Corrosive

Hazard-determining components of labelling

M-PHENYLENEBIS(METHYLAMINE) ; CAS-No. : 1477-55-0

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

2-PIPERAZIN-1-YLETHYLAMINE ; CAS-No. : 140-31-8

R-phrases

34	Causes burns.
43	May cause sensitisation by skin contact.
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 lable.
64	If swallowed, rinse mouth with water (only if the person is conscious).
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 lable 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 : 30 - 35 %

Water pollution classification

Class : 2 according VwVwS

Other regulations

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

International regulatory information

Denmark: PR-Nr.: 1285424 MAL-Code: 0-5

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

02. Hazardous components · 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 · 15. Special designation for certain preparations

R-Phrases of components

11	Highly flammable.

20/21/22	Harmful by inhalation, in contact with skin 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.
43	May cause sensitisation by skin contact.
52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Department issuing data sheet

BASF Construction Chemicals Bussiness Line Performance Flooring.

Contact

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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.