

Material Safety Data Sheet

according to 91/155/EEC

Product name : MASTERTOP 1110, COMP B
MT1110_B
Revision : 10.06.2005 **Version :** 4.0.0
Print date : 01.07.2005

01. Identification of substance, preparation and company

Product name:

MASTERTOP 1110, COMP B (630-1110-5380) (MT1110_B)

Manufacturer/Supplier

Degussa Construction Chemicals
(Schweiz) AG Division CONICA Technik

Street/P.O.Box

Industriestrasse 26 /

Country code/Postal code/Town/City

CH-8207 Schaffhausen

Telephone / Telefax

+41-52-644-2525 / +41-52-644-2699

Emergency information

Schweizer Toxzentrum +0041-1-2515151 (CH)
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

POLYAMINOAMIDE

Percentage : 10 - 25 %
Classification : R 43 Xi ; R 41 Xi ; R 36

2,2'-IMINODIETHYLAMINE ; EC-No. : 203-865-4 ; CAS-No. : 111-40-0

Percentage : 0,1 - 0,5 %
Classification : C ; R 34 R 43 Xn ; R 21/22

3,6,9-TRIAZAUNDECAMETHYLENEDIAMINE ; EC-No. : 203-986-2 ; CAS-No. : 112-57-2

Percentage : 0,1 - 0,5 %
Classification : N ; R 51/53 C ; R 34 R 43 Xn ; R 21/22

3,6,9,12-TETRA-AZATETRADECAMETHYLENEDIAMINE ; EC-No. : 223-775-9 ; CAS-No. : 4067-16-7

Percentage : 0,1 - 0,5 %
Classification : N ; R 50/53 C ; R 34 R 43

03. Hazards identification

Hazard designation

Risk of serious damage to eyes
Classification : Xi ; R 41 Xi ; R 38

04. First-aid measures

Material Safety Data Sheet

according to 91/155/EEC

Product name : MASTERTOP 1110, COMP B
MT1110_B
Revision : 10.06.2005 **Version :** 4.0.0
Print date : 01.07.2005

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.

Material Safety Data Sheet

according to 91/155/EEC

Product name : MASTERTOP 1110, COMP B
MT1110_B
Revision : 10.06.2005 **Version :** 4.0.0
Print date : 01.07.2005

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) : 10

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 vapours or particels below the OEL (=Occupational Exposure Limit) , suitable respiratory protection must be worn.

Personal protective equipment

Respiratory protection

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

Hand protection

Butylrubber $\geq 0,5\text{mm}$ ≥ 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

Light protective clothing.

09. Physical and chemical properties

Image

Form : Liquid.
Colour : Dark.
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)	ca.	1,05	g/cm ³	
Solvent-separation test :	(20 °C)		inapplicable		
Viscosity :	(20 °C)		11000	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.

Material Safety Data Sheet

according to 91/155/EEC

Product name : MASTERTOP 1110, COMP B
MT1110_B
Revision : 10.06.2005 **Version :** 4.0.0
Print date : 01.07.2005

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

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

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.
Switzerland: Disposal code (VVS): 1620 Waste from paints, varnishes and adhesives with organic phase or solvent

14. Transport information

Land transport ADR/RID

Classification

Class : -

Maritime transport IMDG/GGVSea

Classification

IMDG-Code : -

Air transport ICAO-TI and IATA-DGR

Classification

Class : -

15. Regulatory information

Classification according to EEC directives

Danger symbol and danger designation



Xi ; Irritant

R-phrases

41 Risk of serious damage to eyes

Material Safety Data Sheet

according to 91/155/EEC

Product name : MASTERTOP 1110, COMP B
MT1110_B
Revision : 10.06.2005 **Version :** 4.0.0
Print date : 01.07.2005

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.
