

Material Safety Data Sheet

according to 91/155/EEC

Product name : MASTERTOP TC 441, COMP B (CONIPUR 41)
41_B
Revision : 07.07.2006 **Version :** 6.0.0
Print date : 24.07.2006

01. Identification of substance, preparation and company

Product name

MASTERTOP TC 441, COMP B (CONIPUR 41) (930-0041-3105) (41_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

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

Contains N-Methyl-pyrrolidone

Hazardous components

N-METHYL-2-PYRROLIDONE ; EC-No. : 212-828-1 ; CAS-No. : 872-50-4

Percentage : 50 - 100 %

Classification : Xi ; R 36/38

BUTANDIOL-1,4 ; EC-No. : 203-786-5 ; CAS-No. : 110-63-4

Percentage : 0,5 - 2,5 %

Classification : Xn ; R 22 Xi ; R 36/37/38

DIBUTYLSTANNANE DILAURATE ; EC-No. : 201-039-8 ; CAS-No. : 77-58-7

Percentage : 0,5 - 2,5 %

Classification : N ; R 50/53 Xn ; R 48/22 Xn ; R 22 Xi ; R 36/38

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

03. Hazards identification

Hazard designation

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. · Irritating to eyes and skin.

Classification : R 52/53 · Xi ; R 36/38

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.

Material Safety Data Sheet

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Product name : MASTERTOP TC 441, COMP B (CONIPUR 41)
41_B
Revision : 07.07.2006 **Version :** 6.0.0
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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

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 and other sources of ignition have been excluded. Preparation may charge electrostatically: always use earthing leads when transferring from one container to another. Operators should wear antistatic footwear and clothing. No sparking tools should be used. 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 should be kept dry and sealed. Containers which are opened must be carefully resealed and kept upright to prevent

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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) : 3B

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)

N-METHYL-2-PYRROLIDONE ; CAS-No. : 872-50-4

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

Value : 19 ppm / 80 mg/m³

Category : 2(II)

Remarks : H,Y

Version date : 01.01.2006

BUTANDIOL-1,4 ; CAS-No. : 110-63-4

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

Value : 50 ppm / 200 mg/m³

Category : 4(II)

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.

09. Physical and chemical properties

Image

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Product name : MASTERTOP TC 441, COMP B (CONIPUR 41)
41_B
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Form : Liquid.
Colour : Colourless.
Odour : Like solvent.

Relevant safety data

Boiling point / range :	(1013 hPa)	ca.	200 °C	
Flash point :		ca.	91 °C	DIN 53213
Vapour pressure :	(50 °C)	ca.	2 hPa	
Density :	(20 °C)		1,03 g/cm ³	
Solvent-separation test :	(20 °C)	<	3 %	
Viscosity :	(20 °C)		2 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.

Hazardous decomposition products

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. Eye contact: irritation.

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

Recommendation

In accordance with local official regulations. Pass on to an appropriate incinerating plant or depository or recycling.

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

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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 : -

Maritime transport IMDG/GGVSea

Classification

IMDG-Code : 9 **EmS number :** F-A / S-F
UN number : 3082 **Marine Poll. :** P

LQ 5 I

Proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Hazardous components

DIBUTYLSTANNANE DILAURATE

Packaging

Packaging group : III
Label : 9

Air transport ICAO-TI and IATA-DGR

Classification

Class : -

15. Regulatory information

Classification according to EC directives

Danger symbol and danger designation



Xi ; Irritant

R-phrases

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
36/38 Irritating to eyes and skin.

S-phrases

61 Avoid release to the environment. Refer to special instructions/Safety data sheets.
2 Keep out of the reach of children.
35 This material and its container must be disposed of in a safe way.
37 Wear suitable gloves.
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).
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
24/25 Avoid contact with skin and eyes.

National regulatory information

Material Safety Data Sheet

according to 91/155/EEC

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41_B
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Regulation on inflammable liquids (VbF)

VbF-Class : AIII

Emission control act ("TA-Luft")

Sum organic substances class I : < 5 %

Water pollution classification

Class : 2 according VwVwS

Other regulations

Observe UVV for handling of painting material (VBG 23). Germany: Refer also to: "Solvents". (BG-Chemie, Guidline M 017, ZH 1/319).

Switzerland: Please refer to the guidelines of SUVA and EKAS. e.g.: "Guidline for preventing accidents when using two component resins" (SUVA 1854)

16. Other information

Restrictions on use recommended by the manufacturer

Coating material (Finish, Primer, Cleaner, Thinner) - use only according to the Technical Information of the product.

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. Maritime transport IMDG/GGVSea · 14. Classification (IMDG) · 14. Proper shipping name (IMDG) · 14. Substance releasing the danger (IMDG) · 15. Emission control act ("TA-Luft") · 15. Water pollution classification

R-Phrases of components

22	Harmful if swallowed.
36/37/38	Irritating to eyes, respiratory system and skin.
36/38	Irritating to eyes and skin.
48/22	Harmful: danger of serious damage to health by prolonged exposure if swallowed.
50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Department issuing data sheet

BASF Construction Chemicals Business 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.
