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Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 13.04.2025 Version number 47 (replaces version 46) Revision: 13.04.2025

SECTION 1: Identification of the substance/mixture and of the company/undertaking

· 1.1 Product identifier

• Trade name MC-DUR 2095 M - Komponente A

· Article number: 1776

1.2 Relevant identified uses of the substance or mixture

and uses advised against No further relevant information available.

· Application of the substance

/ the mixture Polyurethane lacquer

1.3 Details of the supplier of the safety data sheet

· Manufacturer/Supplier: MC-Bauchemie Müller GmbH & Co. KG

Am Kruppwald 1-8 D-46238 Bottrop Tel.: +49(0)2041-101-0 Fax.: +49(0)2041-101-400 E-Mail: info@mc-bauchemie.de

MC-Bauchemie AG Hagackerstr. 10 CH-8953 Dietikon Tel.: +44-7400510 Fax: +44-7400533

Informing department:

· 1.4 Emergency telephone

number:

Tel.: +49 / (0)700 24112112 (MCR)

Tel.: +1 872 5888271 (MCR)

msds@mc-bauchemie.de

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

· Classification according to Regulation (EC) No 1272/2008

Skin Sens. 1 H317 May cause an allergic skin reaction.

· 2.2 Label elements

· Labelling according to

Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP

regulation.

· Hazard pictograms

GHS07

· Signal word Warning

· Hazard-determining

components of labelling: 2-Methyl-2H-isothiazol-3-one

1,2-benzisothiazol-3(2H)-one

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Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-

isothiazol-3-one (3:1)

Formaldehyde

· Hazard statements H317 May cause an allergic skin reaction.

· Precautionary statements P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves.

P362+P364 Take off contaminated clothing and wash it before

P333+P313 If skin irritation or rash occurs: Get medical advice/

attention.

P321 Specific treatment (see on this label).

P501 Dispose of contents/container in accordance with

local/regional/national/international regulations.

· Additional information: Contains biocidal products: 1,2-benzisothiazol-3(2H)-one, 2-

Methyl-2H-isothiazol-3-one, Mixture of: 5-chloro-2-methyl-2H-

isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

· 2.3 Other hazards

· Results of PBT and vPvB assessment

· PBT: Not applicable. · vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

Description: Mixture consisting of the following components.

Dangerous components:		
CAS: 7664-41-7 EINECS: 231-635-3	Ammonia, anhydrous Acute Tox. 3, H331; Skin Corr. 1B, H314; Aquatic Acute 1, H400; Aquatic Chronic 2, H411; Acute Tox. 4, H302; Flam. Gas 2, H221; Press. Gas (Comp.), H280	<0.25%
CAS: 2634-33-5 EINECS: 220-120-9	1,2-benzisothiazol-3(2H)-one Acute Tox. 2, H330; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥0.05 %	≥0.025-<0.05%
CAS: 50-00-0 EINECS: 200-001-8	Formaldehyde Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; Muta. 2, H341; Carc. 1B, H350; Skin Corr. 1B, H314; Skin Sens. 1, H317 Specific concentration limits: Skin Corr. 1B; H314: $C \ge 25$ % Skin Irrit. 2; H315: 5 % $\le C$ < 25 % Eye Irrit. 2; H319: 5 % $\le C$ < 25 % Skin Sens. 1; H317: $C \ge 0.2$ % STOT SE 3; H335: $C \ge 5$ %	<0.1%

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CAS: 2682-20-4	2-Methyl-2H-isothiazol-3-one	≥0.0015-<0.025%
EINECS: 220-239-6	Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); Skin Sens. 1A, H317, EUH071 Specific concentration limit: Skin Sens. 1A; H317: C≥ 0.0015 %	
CAS: 55965-84-9 EC number: 911-418-6	Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	<i>≥</i> 0.00025-<0.0015%
	Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330; Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); Skin Sens. 1A, H317, EUH071	
	Specific concentration limits: Skin Corr. 1C; H314: C≥ 0.6 % Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 %	
	Eye Dam. 1; H318: C ≥ 0.6 % Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 % Skin Sens. 1A; H317: C ≥ 0.0015 %	

SECTION 4: First aid measures

Additional information

· 4.1 Description of first aid measures

General information Remove soiled, soaked clothing immediately.

· After inhalation Remove person to fresh air, keep warm, allow to rest; if breathing

is difficult, seek medical attention.

· After skin contact In case of contact with skin, wash carefully with plenty of soap and

water. Consult a doctor in case of skin reactions.

· After eye contact Rinse the eyes with open eyelids for a sufficiently long time (at

least 10 minutes) with water that is as lukewarm as possible.

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

Consult an ophthalmologist.

After swallowing Do NOT induce vomiting. Rinse mouth with water. Medical

attention required.

· 4.2 Most important symptoms and effects, both acute and

delayed Advice for the doctor: Elementary aid, decontamination,

symptomatic treatment.

· 4.3 Indication of any

immediate medical attention

and special treatment needed Therapeutic measures: No information available.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents Use fire fighting measures that suit the environment.

5.2 Special hazards arising from the substance or

mixture No further relevant information available.

· 5.3 Advice for firefighters

· Protective equipment: No special measures required.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and

emergency procedures Not required.

6.2 Environmental

precautions: No special measures required.

· 6.3 Methods and material for

containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders,

universal binders, sawdust).

· 6.4 Reference to other

sections No dangerous materials are released.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Ensure sufficient air exchange and/or extraction in the work areas.

Air extraction is required for spray application.

For solid products: Avoid dust formation and dust deposits. Air limit values mentioned in section 8 must be monitored.

At workplaces where isocyanate aerosols and/or vapours can occur in higher concentrations, targeted air extraction must be used to prevent the occupational hygiene limit value from being exceeded. The air must be moved away from people.

For products containing solvents: Explosion protection required.

The personal protective measures described in section 8 must be observed. The protective measures required when handling

observed. The protective measures required when handling isocyanates must be observed. Avoid contact with skin and eyes

and inhalation of vapours.

Keep away from food and beverages. Wash hands before breaks and at the end of work and apply skin protection ointment. Store work clothes separately. Remove soiled, soaked clothing immediately.

· Information about protection

against explosions and fires: Keep ignition sources away - do not smoke.

Protect from heat.

Do not store near heat sources.

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· 7.2 Conditions for safe storage, including any incompatibilities

Keep container dry and tightly closed. Further information on the storage conditions that must be observed for quality assurance

reasons can be found in our technical data sheet.

· Storage

Requirements to be met by

storerooms and containers: Keep tightly closed in original packaging. Ventilate storage rooms

well. Carefully close opened containers and store upright to

prevent any leakage.

Storage temperature >5°C and <30°C

· Information about storage in

one common storage facility: May be stored together with hazardous substances of other

classes up to 200 kg.

· Further information about

storage conditions: None.
Storage class 10

· 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

CAS: 7664-41-7 Ammonia, anhydrous	
OEL (Ireland)	Short-term value: 36 mg/m³, 50 ppm Long-term value: 14 mg/m³, 20 ppm IOELV
IOELV (European Union)	Short-term value: 36 mg/m³, 50 ppm Long-term value: 14 mg/m³, 20 ppm
CAS: 50-00-0 Formaldehyde	
OEL (Ireland)	Short-term value: 0.738 mg/m³, 0.6 ppm Long-term value: 0.37 0.62* mg/m³, 0.3 0.5* ppm Carc1B, Sens,*healthcare,funeral,embalm.:11.07.24
BOELV (European Union)	Short-term value: 0.74 mg/m³, 0.6 ppm Long-term value: 0.37 (0.62)* mg/m³, 0.3 (0.5)* ppm Skin sens;*health/funeral/embalming till 11/7/24

• Additional information: The lists that were valid during the compilation were used as basis.

· 8.2 Exposure controls

· Appropriate engineering

controls No further data; see section 7.

· Individual protection measures, such as personal protective equipment

· General protective and

hygienic measures Do not smoke, eat or drink while working. Have eye wash

equipment ready.

Do not inhale gases/vapours/aerosols. Avoid contact with eyes and

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skin.

Do not store food in the work area. Wash hands before breaks and

at the end of work.

· Breathing equipment: Respiratory protection required at insufficiently ventilated

workplaces and when working with splashes. Fresh air masks or combination filters A2-P2 (EN529) are recommended for short-

term work.

If applicable, further recommendations for respiratory protection

can be found in the appendix.

In case of hypersensitivity of the respiratory tract (asthma, chronic

bronchitis), handling of the product is not recommended.

Hand protection Suitable materials for protective gloves; EN 374:

Butyl rubber - IIR: thickness ≥ 0.5 mm; breakthrough time ≥ 480 min. Fluororubber - FKM: thickness ≥ 0.4 mm; breakthrough time

≥480min.

Multi-layer glove - PE/EVAL/PE; Breakthrough time ≥480 min.

Recommendation: Dispose of contaminated gloves.

• Material of gloves The selection of the suitable gloves does not only depend on the

material, but also on further marks of quality and varies from

manufacturer to manufacturer.

Penetration time of glove

material

Butyl rubber - IIR: thickness >0.5mm; breakthrough time >480min.

Fluoro rubber - FKM: thickness ≥0.4mm; breakthrough time

≥480min.

Multi-layer glove - PE/EVAL/PE; Breakthrough time ≥480 min.

· Eye/face protection

Wear safety goggles/face protection.

· Body protection:

Wear suitable protective clothing when working.

In case of hypersensitivity of the skin, handling of the product is not

recommended.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

Physical state
Colour:
Smell:
Melting point/freezing point:

Liquid
Colourless
Characteristic
Not determined

· Boiling point or initial boiling point and

boiling range 100 °C (CAS: 7732-18-5 Water)

• Flash point: 200 °C
• pH at 20 °C
8

· Viscosity:

Kinematic viscositydynamic at 20 °C:Not determined.700-1000 mPas

Solubility

· Water: Fully miscible

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· Steam pressure at 20 °C: 23.4 hPa (CAS: 7732-18-5 Water)

· Density and/or relative density

· Density at 20 °C 1.06 g/cm³

· 9.2 Other information

· Appearance:

Fluid

Important information on protection of health and environment, and on safety.

• Self-inflammability: Product is not selfigniting. • Explosive properties: Product is not explosive.

· Information with regard to physical hazard

classes

· Explosives
· Flammable gases
· Aerosols
· Oxidising gases
· Gases under pressure
· Flammable liquids
· Flammable solids
· Self-reactive substances and mixtures

· Self-reactive substances and mixtures
· Pyrophoric liquids
· Pyrophoric solids
· Self-heating substances and mixtures

Void

Void

Void

Void

Substances and mixtures, which emit

flammable gases in contact with water

Oxidising liquids
Oxidising solids
Organic peroxides
Corrosive to metals
Desensitised explosives
Void
Void

SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

· 10.2 Chemical stability · Thermal decomposition /

conditions to be avoided: No decomposition if used according to specifications.

· 10.3 Possibility of hazardous

reactions No dangerous reactions known

• 10.4 Conditions to avoid No further relevant information available. • 10.5 Incompatible materials: No further relevant information available.

· 10.6 Hazardous

decomposition products: No dangerous decomposition products known

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SECTION 11: Toxicological information

- · 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

· Acute tox	ricity	Based on available data, the classification criteria are not met.	
· LD/LC50 values that are relevant for classification:		t are relevant for classification:	
CAS: 766	CAS: 7664-41-7 Ammonia, anhydrous		
Oral	LD50	350 mg/kg (rat)	
Inhalative	LC50/4 h	2000 mg/l (rat)	
CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one		benzisothiazol-3(2H)-one	
Oral	LD50	1020 mg/kg (rat)	
Dermal	LD50	>2000 mg/kg (rat)	
CAS: 50-0	CAS: 50-00-0 Formaldehyde		
Oral	LD50	>200 mg/kg (rat)	
Dermal	LD50	300 mg/kg (rat)	
CAS: 268	CAS: 2682-20-4 2-Methyl-2H-isothiazol-3-one		
Oral	LD50	50-300 mg/kg (rat)	
Inhalative	LC50/4 h	0.11 mg/l (rat)	
CAS: 559		ixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-othiazol-3-one (3:1)	
Oral	LD50	49.6-75 mg/kg (rat)	
Dermal	LD50	87.12 mg/kg (rabbit)	
Inhalative	LC50/4 h	0.171 mg/l (rat)	
· Primary ii	ritant effe	ect:	

· Skin corrosion/irritation Based on available data, the classification criteria are not met. · Serious eye damage/irritation Based on available data, the classification criteria are not met.

· Respiratory or skin

sensitisation May cause an allergic skin reaction.

· Germ cell mutagenicity Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. · Carcinogenicity · Reproductive toxicity Based on available data, the classification criteria are not met. STOT-single exposure Based on available data, the classification criteria are not met. · STOT-repeated exposure Based on available data, the classification criteria are not met. · Aspiration hazard Based on available data, the classification criteria are not met.

11.2 Information on other hazards

· Endocrine disrupting properties

None of the ingredients is listed.

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SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity:

CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one

EC50/72h 0.067 mg/l (Pseudokirchneriella subcapitata)

0.11 mg/l (Selenastrum capricornutum)

LC50/96h | 1.6 mg/l (Oncorhynchus mykiss)

EC50/48h 1.1 mg/l (Daphnia magna)

CAS: 2682-20-4 2-Methyl-2H-isothiazol-3-one

EC50/72h | 0.157 mg/l (Pseudokirchneriella subcapitata)

LC50/96h | 6 mg/l (Oncorhynchus mykiss)

EC50/48h | 1.68 mg/l (Daphnies)

CAS: 55965-84-9 Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2Hisothiazol-3-one (3:1)

LC50/24h 0.19 mg/l (fish)

EC50/72h | 0.027 mg/l (Pseudokirchneriella subcapitata)

LC50/96h | 0.19 mg/l (Oncorhynchus mykiss)

LC50/48h | 0.28 mg/l (fish)

EC50/48h | 0.16 mg/l (Daphnia magna)

NOEC 0.02 mg/l (Oncorhynchus mykiss)

0.00049 mg/l (Ske)

0.1 mg/l (Daphnia magna)

· 12.2 Persistence and

degradability No further relevant information available.

· 12.3 Bioaccumulative

potential No further relevant information available. · 12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment Not applicable. · PBT: · vPvB: Not applicable.

· 12.6 Endocrine disrupting

The product does not contain substances with endocrine disrupting properties

properties.

· 12.7 Other adverse effects

· Additional ecological information:

· General notes: Do not allow undiluted product or large quantities of it to reach

ground water, water bodies or sewage system.

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SECTION 13: Disposal considerations

- · 13.1 Waste treatment methods
- Recommendation Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

	allow product to reach sewage system.		
	· European waste catalogue		
	17 00 00	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	
	17 09 00	other construction and demolition wastes	
	17 09 03* other construction and demolition wastes (including mixed wastes) cont hazardous substances		
	15 00 00 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIAL PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED		
15 01 00 packaging (including separately collected municipal packaging waste) 15 01 01 paper and cardboard packaging		packaging (including separately collected municipal packaging waste)	
		paper and cardboard packaging	
	15 00 00 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS A PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED		
	15 01 00	packaging (including separately collected municipal packaging waste)	
	15 01 02	plastic packaging	

· Uncleaned packagings:

Recommendation: Empty contaminated packagings thoroughly. They can be recycled

after thorough and proper cleaning.

14.1 UN number or ID number		
ADR, ADN, IMDG, IATA	Void	
14.2 UN proper shipping name		
ADR, ADN, IMDG, IATA	Void	
14.3 Transport hazard class(es)		
ADR, ADN, IMDG, IATA		
Class	Void	
14.4 Packing group		
ADR, IMDG, IATA	Void	
14.5 Environmental hazards:		
Marine pollutant:	No	
14.6 Special precautions for user	Not applicable.	



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· 14.7 Maritime transport in bulk according to IMO instruments Not applicable.		
· Transport/Additional information:	Not dangerous according to the above specifications.	
· UN "Model Regulation":	Void	

SECTION 15: Regulatory information

· 15.1 Safety, health and environmental regulations/ legislation specific for the

Substance or mixture
REGULATION (EC) No.

No further relevant information available.

REGULATION (EC) No 1907/2006 ANNEX XVII

Conditions of restriction: 3, 72

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

- · REGULATION (EU) 2019/1148
- · Annex I RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

· Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

· 15.2 Chemical safety

assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

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.

· Relevant phrases H221 Flammable gas.

H280 Contains gas under pressure; may explode if heated.

H301 Toxic if swallowed.
H302 Harmful if swallowed.
H310 Fatal in contact with skin.
H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

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· Department issuing data specification sheet:

Date of previous version:

· Version number of previous

(Contd. of page 11) H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H330 Fatal if inhaled. H331 Toxic if inhaled. H335 May cause respiratory irritation. H341 Suspected of causing genetic defects. H350 May cause cancer. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. EUH071 Corrosive to the respiratory tract. Environment protection department. 17.10.2021 46 · Abbreviations and acronyms: RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Flam. Gas 2: Flammable gases – Category 2 Press. Gas (Comp.): Gases under pressure - Compressed gas Acute Tox. 4: Acute toxicity – Category 4 Acute Tox. 2: Acute toxicity – Category 2 Acute Tox. 3: Acute toxicity - Category 3 Skin Corr. 1B: Skin corrosion/irritation - Category 1B Skin Corr. 1C: Skin corrosion/irritation - Category 1C Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Dam. 1: Serious eye damage/eye irritation - Category 1 Skin Sens. 1: Skin sensitisation - Category 1 Skin Sens. 1A: Skin sensitisation - Category 1A Muta. 2: Germ cell mutagenicity - Category 2 Carc. 1B: Carcinogenicity - Category 1B Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard -Category 1 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard - Category 1 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic

· * Data compared to the previous version altered. hazard - Category 2