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

Printing date 12.04.2024 Version number 37 (replaces version 36) Revision: 12.04.2024

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

· 1.1 Product identifier

• Trade name MC-DUR 2095 ESD - Komponente A

· Article number: 2387

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 Coating

· 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 Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

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 GB CLP regulation.

Hazard pictograms



GHS07 Warning

Signal word

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Hazard-determining

components of labelling: Mica

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

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6]

(3:1)

· Hazard statements H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

• Precautionary statements P261 Avoid breathing dust/fume/gas/mist/vapours/

spray.

P280 Wear protective gloves / eye protection / face

protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for

several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

advice/attention.

P337+P313 If eye irritation persists: Get medical advice/

attention.

P501 Dispose of contents/container in accordance

with local/regional/national/international

regulations.

· Additional information: EUH211 Warning! Hazardous respirable droplets may be formed

when sprayed. Do not breathe spray or mist.

Contains biocidal products: 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-

3-one [EC no. 220-239-6] (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: 12001-26-2 Mica 10-30%

Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1,

H317

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CAS: 13463-67-7 EINECS: 236-675-5	titanium dioxide Carc. 2, H351	≥1-<10%
CAS: 2634-33-5	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%
CAS: 2682-20-4 EINECS: 220-239-6	2-methyl-2H-isothiazol-3-one 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 %	≥0.0015-<0.025%
CAS: 55965-84-9	reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) 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 % Skin Sens. 1A; H317: C ≥ 0.0015 %	≥0.00025-<0.0015%

Additional information

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

SECTION 4: First aid measures

· 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.

Consult an ophthalmologist.

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

attention required.

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 4.2 Most important symptoms and effects, both acute and delayed

ved 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.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

· Suitable extinguishing agents CO2, extinguishing powder or water jet. Fight larger fires with

water jet or alcohol-resistant foam.

 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: Dilute with much water.

· 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 isocyanates must be observed. Avoid contact with skin and eyes

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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.

· 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

· Components with critical values that require monitoring at the workplace:

CAS: 12001-26-2 Mica

WEL Long-term value: 10* 0.8** mg/m3 *total inhalable **respirable

· 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

skin.

Do not store food in the work area. Wash hands before breaks and (Contd. on page 6)



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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 \ge 0.5mm; breakthrough time \ge 480min. Fluororubber - FKM: thickness \ge 0.4mm; 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 \geq 0.5mm; breakthrough time \geq 480min. Fluoro rubber - FKM: thickness \geq 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

· Colour: Different according to colour

· Smell: · Melting point/freezing point:

Melting point/freezing point: Not determined

· Boiling point or initial boiling point and

boiling range 100 °C (CAS: 7732-18-5 water, distilled,

neutral

conductivity or of similar purity)

· Flash point: >100 °C · pH at 20 °C 7

Viscosity:

Kinematic viscositydynamic at 20 °C:Not determined.1500 mPas

·Solubility

· Water: Fully miscible

• Steam pressure at 20 °C: 23 hPa (CAS: 7732-18-5 water, distilled,

conductivity or of similar purity)

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· Density and/or relative density

Density at 20 °C 1.3 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 Void · Flammable gases Void · Aerosols Void · Oxidising gases Void Gases under pressure Void Flammable liquids Void Flammable solids Void · Self-reactive substances and mixtures Void

Pyrophoric liquids
Pyrophoric solids
Self-heating substances and mixtures
Substances and mixtures, which emit flammable gases in contact with water
Void

* Oxidising liquids Void

* Oxidising solids Void

* Organic peroxides Void

* Corrosive to metals Void

* Desensitised explosives 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
 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 toxicity Based on available data, the classification criteria are not met

· Acute toxicity		Based on available data, the classification criteria are not met.		
· LD/LC50 values that are relevant for classification:				
CAS: 134	CAS: 13463-67-7 titanium dioxide			
Oral	LD50	>5000 mg/kg (rat)		
Dermal	LD50	>10000 mg/kg (rabbit)		
Inhalative	LC50/4 h	>6.8 mg/l (rat)		
CAS: 263	CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one			
Oral	LD50	1020 mg/kg (rat)		
Dermal	LD50	>2000 mg/kg (rat)		
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: 55965-84-9 reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500				
7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (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)		

• Skin corrosion/irritation Causes skin irritation.
• Serious eye damage/irritation Causes serious eye irritation.

Respiratory or skin

sensitisation May cause an allergic skin reaction.

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

· Endocrine disrupting properties

CAS: 556-67-2 octamethylcyclotetrasiloxane List II; III

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)

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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 reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (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 • PBT: Not applicable. • vPvB: Not applicable.

· 12.6 Endocrine disrupting

properties For information on endocrine disrupting properties see section 11.

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.

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.

· Uncleaned packagings:

• Recommendation: Disposal must be made according to official regulations.

· Recommended cleaning

agent: Water, if necessary with cleaning agent.

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SECTION 14: Transport informat	ion
· 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.
14.7 Maritime transport in bulk according IMO instruments	n g to 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 No further relevant information available.

· Poisons Act

Regulated explosives precursors

None of the ingredients is listed.

· Regulated poisons

None of the ingredients is listed.

· Reportable explosives precursors

None of the ingredients is listed.

· Reportable poisons

None of the ingredients is listed.

· 15.2 Chemical safety

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

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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 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. 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.H351 Suspected of causing cancer.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

EUH071 Corrosive to the respiratory tract.

Department issuing data specification sheet:

Abbreviations and acronyms:

Environment protection department.

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 Acute Tox. 3: Acute toxicity – Category 3 Acute Tox. 4: Acute toxicity – Category 4 Acute Tox. 2: Acute toxicity – Category 2

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 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1 Skin Sens. 1A: Skin sensitisation – Category 1A

Carc. 2: Carcinogenicity - Category 2

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

* Data compared to the previous version altered.