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Safety data sheet according to 1907/2006/EC, Article 31

Printing date 05.02.2018

Revision: 05.02.2018

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

1.1 Product identifier

Trade name **MC-Floor TopSpeed flex - Komponente A**

1.2 Relevant identified uses of the substance or mixture and uses advised against

Sector of Use SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Product category PC9a Coatings and paints, thinners, paint removers

Process category PROC10 Roller application or brushing

Environmental release category

ERC8f Widespread use leading to inclusion into/onto article (outdoor)

ERC11a Widespread use of articles with low release (indoor)

Article category AC13 Plastic articles

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: Product safety department.
msds@mc-bauchemie.com

1.4 Emergency telephone number:

Tel.: +49 / (0)700 24112112 (MCR)
Tel.: +48612864565

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.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to

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

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Hazard pictograms



GHS07

Signal word

Warning

Hazard-determining components of labelling:

tetraethyl-N,N'-(methylenedicyclohexane-4,1-diyl)bis-DL-aspartate poly(oxy(methyl-1,2-ethanediyl))
Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacat
methyl 1,2,2,6,6-pentamethyl-4-piperidylsebacate

Hazard statements

H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P273 Avoid release to the environment.
P280 Wear protective gloves.
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.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

Description: Resin mixture.
Mixture consisting of the following components.

Dangerous components:

CAS: 136210-30-5 ELINCS: 429-270-1	tetraethyl-N,N'-(methylenedicyclohexane-4,1-diyl)bis-DL-aspartate Skin Sens. 1, H317; Aquatic Chronic 3, H412	25-50%
CAS: 152637-10-0	poly(oxy(methyl-1,2-ethanediyl)) Skin Sens. 1, H317; Aquatic Chronic 3, H412	≥10-<25%
CAS: 64742-95-6 Reg.nr.: 01-2119455851-35	Solvent naphtha Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H335-H336	≥0.25-<1.5%
CAS: 41556-26-7 EINECS: 255-437-1	Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacat Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317	≥0.1-<0.25%

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CAS: 82919-37-7
EINECS: 280-060-4

methyl 1,2,2,6,6-pentamethyl-4-piperidylsebacate
Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin
Sens. 1, H317

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≥0.1-<0.25%

SECTION 4: First aid measures

· **4.1 Description of first aid measures**

- **General information** No special measures required.
- **After inhalation** Void
- **After skin contact** The product is not skin irritating.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** Rinse out mouth and then drink plenty of water.
Seek medical treatment.

· **4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

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.

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SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** *Open and handle container with care.*
- **Information about protection against explosions and fires:** *No special measures required.*
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** *No special requirements.*
- **Information about storage in one common storage facility:** *Not required.*
- **Further information about storage conditions:** *None.*
- **7.3 Specific end use(s)** *No further relevant information available.*

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:** *No further data; see item 7.*
- **8.1 Control parameters**
- **Components with critical values that require monitoring at the workplace:** *The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.*
- **Additional information:** *The lists that were valid during the compilation were used as basis.*
- **8.2 Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures** *The usual precautionary measures should be adhered to in handling the chemicals.*
- **Protection of hands:** *Protective gloves.*
- **Material of gloves** *Nitrile rubber, NBR*
- **Penetration time of glove material** *The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.*
- **Eye protection:** *Tightly sealed safety glasses.*
- **Body protection:** *Protective work clothing.*

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SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

· Form:	Fluid
· Colour:	According to product specification
· Smell:	Characteristic

· **Change in condition**

· Melting point/freezing point:	Not determined
· Initial boiling point and boiling range:	Not determined

· Flash point:	> 200 °C
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· Self-inflammability:	Product is not selfigniting.
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· Explosive properties:	Product is not explosive.
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· Density at 20 °C	1.59 g/cm ³
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· **Solubility in / Miscibility with**

· Water:	Not miscible or difficult to mix
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

· 10.1 Reactivity	No further relevant information available.
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· **10.2 Chemical stability**

· **Thermal decomposition /**

· conditions to be avoided:	No decomposition if used according to specifications.
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· **10.3 Possibility of hazardous reactions**

No dangerous reactions known

· 10.4 Conditions to avoid	No further relevant information available.
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· 10.5 Incompatible materials:	No further relevant information available.
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· **10.6 Hazardous**

· decomposition products:	No dangerous decomposition products known
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SECTION 11: Toxicological information

· **11.1 Information on toxicological effects**

· Acute toxicity	Based on available data, the classification criteria are not met.
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· **Primary irritant effect:**

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

sensitisation May cause an allergic skin reaction.

· **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

· Germ cell mutagenicity	Based on available data, the classification criteria are not met.
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· Carcinogenicity	Based on available data, the classification criteria are not met.
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- **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.*

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** *No further relevant information available.*
- **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.*
- **Additional ecological information:**
- **General notes:** *Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.*
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*
- **12.6 Other adverse effects** *No further relevant information available.*

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.*

European waste catalogue

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01 00	wastes from MFSU and removal of paint and varnish
08 01 12	waste paint and varnish other than those mentioned in 08 01 11

- **Uncleaned packagings:**
- **Recommendation:** *Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.*

SECTION 14: Transport information

- **14.1 UN-Number**
- **ADR, ADN, IMDG, IATA** *Void*

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· 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 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· 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 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has 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**
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
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.
H412 Harmful to aquatic life with long lasting effects.
- **Department issuing data specification sheet:** Environment protection department.
- **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)

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ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport 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)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids – Category 3

Skin Sens. 1: Skin sensitisation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

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 hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

*** Data compared to the
previous version altered.**

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Annex: Exposure scenario

- **Short title of the exposure scenario**
- **Sector of Use** SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Product category** PC9a Coatings and paints, thinners, paint removers
- **Process category** PROC10 Roller application or brushing
- **Article category** AC13 Plastic articles
- **Environmental release category** ERC8f Widespread use leading to inclusion into/onto article (outdoor)
ERC11a Widespread use of articles with low release (indoor)
- **Notes** The product is not intended for private use.
The product is intended for professional use.
- **Description of the activities / processes covered in the Exposure Scenario** Coating of floors
- **Conditions of use** According to directions for use.
- **Duration and frequency** 5 workdays/week.
8hrs (full working shift).
- **Worker** Permanent use with exposure up to 8 hrs every work day of the week.
- **Environment** The product must not enter the sewage system or the aquatic environment.
- **Physical parameters** The data on the physical - chemical properties in the Exposure Scenario is based on the properties of the preparation.
- **Physical state** Fluid
- **Concentration of the substance in the mixture** Not applicable.
- **Used amount per time or activity** Smaller than 0.4 kg/m² per application.
- **Other operational conditions** Observe the normal safety regulations when handling chemicals
- **Other operational conditions affecting environmental exposure** Das ausgehärtete Produkt kann in Wohnräumen (24h;7d/Woche) auf Bodenflächen ohne weitere Beschränkungen genutzt werden.
- **Other operational conditions affecting worker exposure** Observe section 8.2 of the Safety Data Sheet.
- **Other operational conditions affecting consumer exposure** Oral absorption is not expected.
- **Other operational conditions affecting consumer exposure during the use of the product** No special measures required.

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- **Risk management measures**
- **Worker protection**
- **Organisational protective measures**
 - Employment restrictions concerning young persons must be observed.*
 - Employment restrictions concerning pregnant and lactating women must be observed.*
 - Persons, who tend to skin diseases or other hypersensitivity reactions of the skin, should not handle the product.*
- **Technical protective measures**
 - Do not replace residual quantities in storage containers.*
- **Personal protective measures** *Keep away from foodstuffs, beverages and food.*
- **Measures for consumer protection**
 - Ensure adequate labelling.*
- **Environmental protection measures**
 - Keep product waste away from uncontaminated waste.*
- **Air**
 - No special measures required.*
- **Water**
 - Do not allow to reach ground water, water bodies or sewage system.*
- **Soil**
 - Avoid contact with soil and / or ground water during the application.*
- **Notes**
 - In case of unintended release of the product: See section 6 of the Safety Data Sheet.*
- **Disposal measures**
 - Must not be disposed of with household waste. Do not allow to reach sewage system.*
- **Disposal procedures**
 - Must not be disposed of together with household garbage. Do not allow product to reach sewage system.*
 - Liquid product residues with solvent*
- **Waste type**
- **Exposure estimation**
- **Worker (oral)**
 - No significant oral exposure*
- **Worker (dermal)**
 - No significant dermal exposure*
- **Worker (inhalation)**
 - No significant inhalative exposure*

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