

Page 1/10

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

Printing date 25.10.2021

Version number 7

Revision: 19.10.2021

| Product identifier  |   |
|---|---|
| Trade name<br>Relevant identified uses of<br>the substance or mixture and | MC-Injekt 2300 rapid - Komponente B   |
| uses advised against  | No further relevant information available.  |
| Application of the substance / the mixture                                | Polyurethane resin  |
|   | Injektion   |
| <i>Details of the supplier of the s<br/>Manufacturer/Supplier:</i>        | safety data sheet<br>MC-Bauchemie Müller GmbH & Co. KG<br>Am Kruppwald 1-8<br>D-46238 Bottrop<br>Tel.: +49(0)2041-101-0<br>Fax.: +49(0)2041-101-400<br>E-Mail: info@mc-bauchemie.de |
|   | MC-Bauchemie AG<br>Hagackerstr. 10<br>CH-8953 Dietikon  |
|   | Tel.: +44-7400510<br>Fax : +44-7400533  |
| Informing department:<br>Emergency telephone                              | msds@mc-bauchemie.de  |
| number:   | Tel.: +49 /  (0)700 24112112 (MCR)<br>Tel.: +48612864565  |

### 2 Hazards identification

### · Classification of the substance or mixture

Acute Tox. 4H332 Harmful if inhaled.Skin Irrit. 2H315 Causes skin irritation.Eye Irrit. 2AH319 Causes serious eye irritation.Resp. Sens. 1H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.Skin Sens. 1H317 May cause an allergic skin reaction.Carc. 2H351 Suspected of causing cancer.STOT SE 3H335 May cause respiratory irritation.STOT RE 2H373 May cause damage to organs through prolonged or repeated exposure.

- · Label elements
- · GHS label elements

The product is classified and labelled according to the Globally Harmonised System (GHS).

· Hazard pictograms



(Contd. on page 2)

AE



Page 2/10

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

Printing date 25.10.2021

Version number 7

Revision: 19.10.2021

### Trade name MC-Injekt 2300 rapid - Komponente B

|  | (Contd. of page 1)  |
|--|---|
| · Signal word                                | Danger  |
| · Hazard-determining                         |   |
| components of labelling:                     | diphenylmethanediisocyanate, isomeres and homologues                            |
|  | diphenylmethane-4,4'-di-isocyanante   |
|  | diphenylmethane-2,4'-diisocyanate<br>diphenylmethane-2,2'-diisocyanate          |
| · Hazard statements                          | Harmful if inhaled.   |
| nazaru statements                            | Causes skin irritation.   |
|  | Causes serious eye irritation.  |
|  | May cause allergy or asthma symptoms or breathing difficulties if               |
|  | inhaled.  |
|  | May cause an allergic skin reaction.  |
|  | Suspected of causing cancer.  |
|  | May cause respiratory irritation.   |
|  | May cause damage to organs through prolonged or repeated                        |
|  | exposure.   |
| <ul> <li>Precautionary statements</li> </ul> | Do not breathe dust/fume/gas/mist/vapours/spray.                                |
|  | Wear protective gloves/protective clothing/eye protection/face                  |
|  | protection.<br>[In case of inadequate ventilation] wear respiratory protection. |
|  | IF IN EYES: Rinse cautiously with water for several minutes.                    |
|  | Remove contact lenses, if present and easy to do. Continue                      |
|  | rinsing.  |
|  | If experiencing respiratory symptoms: Call a POISON CENTER/                     |
|  | doctor.   |
|  | Store in a well-ventilated place. Keep container tightly closed.                |
| • Other hazards                              |   |
| • Results of PBT and vPvB as                 |   |
| · PBT:                                       | Not applicable.   |
| · vPvB:                                      | Not applicable.   |
|  |   |

# 3 Composition/information on ingredients • Chemical characterisation: Mixtures • Description: Active substance with propellant. Mixture consisting of the following components. • Dangerous components: 9016-87-9 diphenylmethanediisocyanate,isomeres and homologues 25-50% Resp. Sens. 1, H334; Carc. 2, H351; STOT RE 2, H373; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335



Page 3/10

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

Printing date 25.10.2021

Version number 7

Revision: 19.10.2021

### Trade name MC-Injekt 2300 rapid - Komponente B

| 101-68-8     | diphenylmethane-4,4'-di-isocyanante   | ontd. of page 2)<br><i>≥10-&lt;25%</i> |
|--------------|---|--|
|              | Resp. Sens. 1, H334; Carc. 2, H351; STOT RE 2, H373; Acute Tox. 4,<br>H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE<br>3, H335 |  |
| 5873-54-1    | diphenylmethane-2,4'-diisocyanate   | ≥10-<25%                               |
|              | Resp. Sens. 1, H334; Carc. 2, H351; STOT RE 2, H373; Acute Tox. 4,<br>H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE<br>3, H335 |  |
| 2536-05-2    | diphenylmethane-2,2'-diisocyanate   | ≥1-<1.5%                               |
|              | Resp. Sens. 1, H334; Carc. 2, H351; STOT RE 2, H373; Acute Tox. 4,<br>H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE<br>3, H335 |  |
| · Additional | <b>I information</b> For the wording of the listed hazard phrases refer to se   | ction 16.                              |

### 4 First aid measures

| · Description of first aid measures         |   |  |  |  |  |
|---|---|--|--|--|--|
| General information                         | Instantly remove any clothing soiled by the product.      |  |  |  |  |
|   | Take affected persons into the open air.                  |  |  |  |  |
|   | Seek medical treatment.                                   |  |  |  |  |
| · After inhalation                          | Supply fresh air.   |  |  |  |  |
|   | Call a doctor immediately.                                |  |  |  |  |
| · After skin contact                        | Instantly wash with water and soap and rinse thoroughly.  |  |  |  |  |
|   |   |  |  |  |  |
| · After eye contact                         | Rinse opened eye for several minutes under running water. |  |  |  |  |
|   | Seek medical treatment.                                   |  |  |  |  |
| <ul> <li>After swallowing</li> </ul>        | Call a doctor immediately.                                |  |  |  |  |
| <ul> <li>Information for doctor</li> </ul>  |   |  |  |  |  |
| <ul> <li>Most important symptoms</li> </ul> |   |  |  |  |  |
| and effects, both acute and                 |   |  |  |  |  |
| delayed                                     | No further relevant information available.                |  |  |  |  |
| · Indication of any immediate               |   |  |  |  |  |
| medical attention and special               |   |  |  |  |  |
| -   | No further valour of information overilable               |  |  |  |  |
| treatment needed                            | No further relevant information available.                |  |  |  |  |

# 5 Firefighting measures

| <ul> <li>Extinguishing media</li> <li>Suitable extinguishing agent</li> </ul> | t <b>s</b> CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.   |
|---|---|
| • Special hazards arising from  |   |
| the substance or mixture  | Can be released in case of fire<br>Carbon monoxide (CO)<br>Nitrogen oxides (NOx)<br>Under certain fire conditions, traces of other toxic gases cannot be<br>excluded, e.g.:<br>Hydrogen cyanide (HCN) |
|   | (Contd. on page 4   |



Page 4/10

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

Printing date 25.10.2021

Version number 7

Revision: 19.10.2021

#### Trade name MC-Injekt 2300 rapid - Komponente B

|   | (Contd. of page 3)  |
|---|---|
| <ul> <li>Advice for firefighters</li> <li>Protective equipment:</li> </ul>                      | Wear self-contained breathing apparatus.  |
| 6 Accidental release meas   | ures  |
| <ul> <li>Personal precautions,<br/>protective equipment and<br/>emergency procedures</li> </ul> | Ensure adequate ventilation   |
| • Environmental precautions:<br>• Methods and material for                                      | Use breathing protection against the effects of fumes/dust/aerosol.<br>Prevent material from reaching sewage system, holes and cellars.   |
| containment and cleaning up:  | Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  |
| · Reference to other sections   | Dispose of contaminated material as waste according to item 13.<br>Ensure adequate ventilation.<br>See Section 7 for information on safe handling<br>See Section 8 for information on personal protection equipment.<br>See Section 13 for information on disposal. |

### 7 Handling and storage

- · Handling
- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.
- Information about protection against explosions and fires: No special measures required.
- · Conditions for safe storage, including any incompatibilities
- · Storage
- Requirements to be met by storerooms and containers: Store only in the original container.
   Information about storage in one common storage facility: Store away from foodstuffs.
   Further information about
- storage conditions: · Specific end use(s)

No further relevant information available.

Keep container tightly sealed.

### 8 Exposure controls/personal protection

• Additional information about design of technical systems: No further data; see item 7.

(Contd. on page 5)

AE -



Page 5/10

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

Printing date 25.10.2021

Version number 7

Revision: 19.10.2021

Trade name MC-Injekt 2300 rapid - Komponente B

| Control parameter   | s   | (Contd. of pa  |
|---------------------|---|----------------|
| •                   | -<br>critical values that require monitoring at the workplace                                       | :              |
| 9016-87-9 dipheny   | Imethanediisocyanate, isomeres and homologues   |                |
| WEL (Great Britain) | Short-term value: 0.07 mg/m <sup>3</sup><br>Long-term value: 0.02 mg/m <sup>3</sup><br>Sen; as -NCO |                |
| 101-68-8 diphenyli  | nethane-4,4'-di-isocyanante   |                |
| PEL (USA)           | Ceiling limit: 0.2 mg/m <sup>3</sup> , 0.02 ppm   |                |
| REL (USA)           | Long-term value: 0.05 mg/m³, 0.005 ppm<br>Ceiling limit: 0.2* mg/m³, 0.02* ppm<br>*10-min           |                |
| TLV (USA)           | Long-term value: 0.005 ppm  |                |
| WEL (Great Britain) | Short-term value: 0.07 mg/m³<br>Long-term value: 0.02 mg/m³<br>Sen; as -NCO                         |                |
| 5873-54-1 dipheny   | Imethane-2,4'-diisocyanate  |                |
| WEL (Great Britain) | Short-term value: 0.07 mg/m³<br>Long-term value: 0.02 mg/m³<br>Sen; as -NCO                         |                |
| 2536-05-2 dipheny   | Imethane-2,2'-diisocyanate  |                |
| WEL (Great Britain) | Short-term value: 0.07 mg/m³<br>Long-term value: 0.02 mg/m³<br>Sen; as -NCO                         |                |
| DNELs               | 1   |                |
| 9016-87-9 diphenv   | Imethanediisocyanate,isomeres and homologues  |                |
| Inhalative DNEL 0   |   |                |
|                     | nethane-4,4'-di-isocyanante   |                |
|                     | 0 mg/kg bw/day (Ark)  |                |
| Inhalative DNEL 0   | 05 mg/m <sup>3</sup> (ArL)  |                |
| 5873-54-1 dipheny   | Imethane-2,4'-diisocyanate  |                |
| Inhalative DNEL 0   | 05 mg/m <sup>3</sup> (ArL)  |                |
| PNECs               |   |                |
|                     | Imethanediisocyanate,isomeres and homologues  |                |
|                     | age Treatment Plant)  |                |
| 0.1 mg/l (Me        | - ,   |                |
| 1 mg/l (Suw         |   |                |
| PNEC 1 mg/kg dwt    |   |                |
|                     | nethane-4,4'-di-isocyanante   |                |
|                     | age Treatment Plant)  |                |
| 0.1 mg/l (Me        | - ,   |                |
| 1 mg/l (Suw         |   |                |
|                     |   | (Contd. on pag |



Page 6/10

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

Printing date 25.10.2021

Version number 7

Revision: 19.10.2021

Trade name MC-Injekt 2300 rapid - Komponente B

|   | Bod) (Contd. of page  |
|---|---|
| ÷ • ·   | nethane-2,4'-diisocyanate   |
| PNEC 1 mg/l (Sewag  | · · · · · · · · · · · · · · · · · · ·   |
| 0.1 mg/l (Mew   |   |
| 1 mg/l (Suw)  | )   |
| ,   | Pad   |
| PNEC 1 mg/kg dwt (l   | -   |
| Ingredients with bio  | -   |
|   | ethane-4,4'-di-isocyanante  |
| BMGV (Great Britain)  | 1 µmol creatinine/mol   |
|   | Medium: urine   |
|   | Sampling time: At the end of the period od exposure<br>Parameter: isocyanate-derived diamine  |
| 5972 54 1 diphonyla   | nethane-2,4'-diisocyanate   |
|   | -   |
| BiviGV (Great Britain)  | 1 μmol creatinine/mol<br>Medium: urine  |
|   | Sampling time: At the end of the period od exposure   |
|   | Parameter: isocyanate-derived diamine   |
| 2536-05-2 diphenvln   | nethane-2,2'-diisocyanate   |
|   | 1 μmol creatinine/mol   |
| - ( )   | Medium: urine   |
|   | Sampling time: At the end of the period od exposure   |
|   | Parameter: isocyanate-derived diamine   |
| Additional informati  | ion: The lists that were valid during the compilation were used as basi   |
| Exposure controls   |   |
|   |   |
| Personal protective   | equipment   |
| General protective a  | and   |
|   | And Keep away from foodstuffs, beverages and food.  |
| General protective a  | and<br>Keep away from foodstuffs, beverages and food.<br>Instantly remove any soiled and impregnated garments.  |
| General protective a  | and<br>Keep away from foodstuffs, beverages and food.<br>Instantly remove any soiled and impregnated garments.<br>Wash hands during breaks and at the end of the work.  |
| General protective a  | And<br>Keep away from foodstuffs, beverages and food.<br>Instantly remove any soiled and impregnated garments.<br>Wash hands during breaks and at the end of the work.<br>Avoid contact with the eyes and skin.   |
| General protective a<br>hygienic measures   | And<br>Keep away from foodstuffs, beverages and food.<br>Instantly remove any soiled and impregnated garments.<br>Wash hands during breaks and at the end of the work.<br>Avoid contact with the eyes and skin.<br>Do not eat, drink or smoke while working.  |
| General protective a  | andKeep away from foodstuffs, beverages and food.Instantly remove any soiled and impregnated garments.Wash hands during breaks and at the end of the work.Avoid contact with the eyes and skin.Do not eat, drink or smoke while working.nt:Respiratory protection is required at inadequately ventilate   |
| General protective a<br>hygienic measures   | andKeep away from foodstuffs, beverages and food.Instantly remove any soiled and impregnated garments.Wash hands during breaks and at the end of the work.Avoid contact with the eyes and skin.Do not eat, drink or smoke while working.nt:Respiratory protection is required at inadequately ventilate   |
| General protective a<br>hygienic measures   | <ul> <li>And</li> <li>Keep away from foodstuffs, beverages and food.<br/>Instantly remove any soiled and impregnated garments.<br/>Wash hands during breaks and at the end of the work.<br/>Avoid contact with the eyes and skin.<br/>Do not eat, drink or smoke while working.</li> <li>nt: Respiratory protection is required at inadequately ventilate<br/>workplaces and during spray processing. Fresh air masks<br/>combination filters A2-P2 are recommended for short-term work.</li> </ul>   |
| General protective a<br>hygienic measures<br>Breathing equipmen   | <ul> <li>Keep away from foodstuffs, beverages and food.<br/>Instantly remove any soiled and impregnated garments.<br/>Wash hands during breaks and at the end of the work.<br/>Avoid contact with the eyes and skin.<br/>Do not eat, drink or smoke while working.</li> <li>nt: Respiratory protection is required at inadequately ventilate<br/>workplaces and during spray processing. Fresh air masks<br/>combination filters A2-P2 are recommended for short-term work.</li> <li>conditionally suitable materials for protective gloves; EN 374-3:<br/>Nitrile rubber - NBR: Thickness ≥ 0.35mm.</li> </ul>   |
| General protective a<br>hygienic measures<br>Breathing equipmen   | <ul> <li>Keep away from foodstuffs, beverages and food.<br/>Instantly remove any soiled and impregnated garments.<br/>Wash hands during breaks and at the end of the work.<br/>Avoid contact with the eyes and skin.<br/>Do not eat, drink or smoke while working.</li> <li>nt: Respiratory protection is required at inadequately ventilate<br/>workplaces and during spray processing. Fresh air masks<br/>combination filters A2-P2 are recommended for short-term work.</li> <li>conditionally suitable materials for protective gloves; EN 374-3:<br/>Nitrile rubber - NBR: Thickness ≥ 0.35mm.<br/>Only suitable for splash protection. Only suitable for short-ter</li> </ul>  |
| General protective a<br>hygienic measures<br>Breathing equipmen   | <ul> <li>And</li> <li>Keep away from foodstuffs, beverages and food.<br/>Instantly remove any soiled and impregnated garments.<br/>Wash hands during breaks and at the end of the work.<br/>Avoid contact with the eyes and skin.<br/>Do not eat, drink or smoke while working.</li> <li>nt: Respiratory protection is required at inadequately ventilate<br/>workplaces and during spray processing. Fresh air masks<br/>combination filters A2-P2 are recommended for short-term work.</li> <li>conditionally suitable materials for protective gloves; EN 374-3:<br/>Nitrile rubber - NBR: Thickness ≥ 0.35mm.<br/>Only suitable for splash protection. Only suitable for short-ter<br/>exposure. In case of contamination, the protective gloves must be</li> </ul>   |
| General protective a<br>hygienic measures<br>Breathing equipmen<br>Protection of hands  | <ul> <li>Keep away from foodstuffs, beverages and food.<br/>Instantly remove any soiled and impregnated garments.<br/>Wash hands during breaks and at the end of the work.<br/>Avoid contact with the eyes and skin.<br/>Do not eat, drink or smoke while working.</li> <li>Respiratory protection is required at inadequately ventilate<br/>workplaces and during spray processing. Fresh air masks<br/>combination filters A2-P2 are recommended for short-term work.</li> <li>Conditionally suitable materials for protective gloves; EN 374-3:<br/>Nitrile rubber - NBR: Thickness ≥ 0.35mm.<br/>Only suitable for splash protection. Only suitable for short-ter<br/>exposure. In case of contamination, the protective gloves must be<br/>changed immediately.</li> </ul>   |
| General protective a<br>hygienic measures<br>Breathing equipmen<br>Protection of hands<br>Material of gloves                                    | <ul> <li>Keep away from foodstuffs, beverages and food.<br/>Instantly remove any soiled and impregnated garments.<br/>Wash hands during breaks and at the end of the work.<br/>Avoid contact with the eyes and skin.<br/>Do not eat, drink or smoke while working.</li> <li>nt: Respiratory protection is required at inadequately ventilate<br/>workplaces and during spray processing. Fresh air masks<br/>combination filters A2-P2 are recommended for short-term work.</li> <li>conditionally suitable materials for protective gloves; EN 374-3:<br/>Nitrile rubber - NBR: Thickness ≥ 0.35mm.<br/>Only suitable for splash protection. Only suitable for short-ter<br/>exposure. In case of contamination, the protective gloves must be<br/>changed immediately.<br/>Nitrile rubber, NBR</li> </ul>   |
| General protective a<br>hygienic measures<br>Breathing equipmen<br>Protection of hands<br>Material of gloves<br>Penetration time of             | And       Keep away from foodstuffs, beverages and food.<br>Instantly remove any soiled and impregnated garments.<br>Wash hands during breaks and at the end of the work.<br>Avoid contact with the eyes and skin.<br>Do not eat, drink or smoke while working.         nt:       Respiratory protection is required at inadequately ventilate<br>workplaces and during spray processing. Fresh air masks<br>combination filters A2-P2 are recommended for short-term work.         conditionally suitable materials for protective gloves; EN 374-3:<br>Nitrile rubber - NBR: Thickness ≥ 0.35mm.<br>Only suitable for splash protection. Only suitable for short-ten<br>exposure. In case of contamination, the protective gloves must be<br>changed immediately.<br>Nitrile rubber, NBR         glove  |
| General protective a<br>hygienic measures<br>Breathing equipmen<br>Protection of hands<br>Material of gloves                                    | And       Keep away from foodstuffs, beverages and food.<br>Instantly remove any soiled and impregnated garments.<br>Wash hands during breaks and at the end of the work.<br>Avoid contact with the eyes and skin.<br>Do not eat, drink or smoke while working.         nt:       Respiratory protection is required at inadequately ventilate<br>workplaces and during spray processing. Fresh air masks<br>combination filters A2-P2 are recommended for short-term work.         conditionally suitable materials for protective gloves; EN 374-3:<br>Nitrile rubber - NBR: Thickness ≥ 0.35mm.<br>Only suitable for splash protection. Only suitable for short-ter<br>exposure. In case of contamination, the protective gloves must be<br>changed immediately.<br>Nitrile rubber, NBR         glove       The exact break trough time has to be found out by th  |
| General protective a<br>hygienic measures<br>Breathing equipmen<br>Protection of hands<br>Material of gloves<br>Penetration time of<br>material | <ul> <li>Keep away from foodstuffs, beverages and food.<br/>Instantly remove any soiled and impregnated garments.<br/>Wash hands during breaks and at the end of the work.<br/>Avoid contact with the eyes and skin.<br/>Do not eat, drink or smoke while working.</li> <li>Respiratory protection is required at inadequately ventilated<br/>workplaces and during spray processing. Fresh air masks<br/>combination filters A2-P2 are recommended for short-term work.</li> <li>Conditionally suitable materials for protective gloves; EN 374-3:<br/>Nitrile rubber - NBR: Thickness ≥ 0.35mm.<br/>Only suitable for splash protection. Only suitable for short-ter<br/>exposure. In case of contamination, the protective gloves must be<br/>changed immediately.<br/>Nitrile rubber, NBR</li> <li>glove</li> <li>The exact break trough time has to be found out by the<br/>manufacturer of the protective gloves and has to be observed.</li> </ul> |
| General protective a<br>hygienic measures<br>Breathing equipmen<br>Protection of hands<br>Material of gloves<br>Penetration time of             | And       Keep away from foodstuffs, beverages and food.<br>Instantly remove any soiled and impregnated garments.<br>Wash hands during breaks and at the end of the work.<br>Avoid contact with the eyes and skin.<br>Do not eat, drink or smoke while working.         nt:       Respiratory protection is required at inadequately ventilate<br>workplaces and during spray processing. Fresh air masks<br>combination filters A2-P2 are recommended for short-term work.         conditionally suitable materials for protective gloves; EN 374-3:<br>Nitrile rubber - NBR: Thickness ≥ 0.35mm.<br>Only suitable for splash protection. Only suitable for short-ter<br>exposure. In case of contamination, the protective gloves must be<br>changed immediately.<br>Nitrile rubber, NBR         glove       The exact break trough time has to be found out by th  |

AE



Page 7/10

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

Printing date 25.10.2021

Version number 7

Revision: 19.10.2021

### Trade name MC-Injekt 2300 rapid - Komponente B

· Body protection:

Protective work clothing.

(Contd. of page 6)

| Physical and chemical pro                               |  |  |
|---|--|--|
| Information on basic physical al<br>General Information | nd chemical properties                     |  |
| Appearance:   |  |  |
| Form:   | Fluid                                      |  |
| Colour:   | Dark brown                                 |  |
| Smell:  | Characteristic                             |  |
| pH-value:   | Not applicable.                            |  |
| Change in condition                                     |  |  |
| Melting point/freezing point:                           | Not determined                             |  |
| Initial boiling point and boiling                       | <b>range:</b> 351 °C                       |  |
| Flash point:  | > 110 °C                                   |  |
| Ignition temperature:                                   | 400 °C                                     |  |
| Self-inflammability:                                    | Product is not selfigniting.               |  |
| Explosive properties:                                   | Product is not explosive.                  |  |
| Density at 20 °C  | 1.09 g/cm³                                 |  |
| Solubility in / Miscibility with                        |  |  |
| Water:  | Hydrolized                                 |  |
| Viscosity:  |  |  |
| kinematic at 20 °C:                                     | 14 s (DIN 53211/4 s beach)                 |  |
| Other information                                       | No further relevant information available. |  |

| Reactivity                                  | No further relevant information available.            |  |
|---|---|--|
| Chemical stability                          |   |  |
| Thermal decomposition /                     |   |  |
| conditions to be avoided:                   | No decomposition if used according to specifications. |  |
| Possibility of hazardous                    |   |  |
| reactions                                   | Reacts with amines                                    |  |
| Conditions to avoid                         | No further relevant information available.            |  |
| <ul> <li>Incompatible materials:</li> </ul> | No further relevant information available.            |  |
| <ul> <li>Hazardous decomposition</li> </ul> |   |  |
| products:                                   | No dangerous decomposition products known             |  |

(Contd. on page 8)



Page 8/10

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

Printing date 25.10.2021

Version number 7

Revision: 19.10.2021

Trade name MC-Injekt 2300 rapid - Komponente B

(Contd. of page 7)

| · Acute tox<br>· LD/LC50                               | -                                  | at are releva            | ant for classification:   |
|--|------------------------------------|--------------------------|---|
| 9016-87-9  | diphenyl                           | methanedi                | socyanate, isomeres and homologues  |
| Oral   | LD50                               | >10000 mg                | g/kg (Rat)  |
| Dermal   | LD50                               | >5000 mg/kg (Rab)        |   |
| Inhalative   | LC50/4 h                           | ~450 mg/l                | (Rat)   |
| 101-68-8   | diphenylm                          | hethane-4,4              | '-di-isocyanante  |
| Oral   | LD50                               | >10000 mg                | g/kg (rat)  |
| Dermal   | LD50                               | >9400 mg/                | /kg (rabbit)  |
| · Respirato<br>sensitisat<br>· Additiona<br>informatio | bry or skin<br>tion<br>al toxicolo | )                        | Irritant effect.<br>Sensitization possible by inhalation.<br>Sensitization possible by skin contact.<br>The product shows the following dangers according to t<br>calculation method of the General EC Classification Guidelines<br>Preparations as issued in the latest version: |
| · CMR effe   |                                    | nogenity,<br>oxicity for | Harmful<br>Irritant   |

| · Toxicity            |   |   |  |
|-----------------------|---|---|--|
| · Aquatic to          | oxicity:  |   |  |
| 101-68-8 c            | liphenylmethane-4   | ,4'-di-isocyanante  |  |
| EC50/24h              | >1000 mg/l (Daphr   | ia magna)   |  |
| LC50/96h              | >1000 mg/l (Brachydanio rerio)                                |   |  |
| NOEC                  | >1000 mg/l (Eisenia foetida)                                  |   |  |
|                       | >10 mg/l (Daphnia magna)                                      |   |  |
| <sup>.</sup> Behaviou | ce and degradabili<br>r in environmental<br>ulative potential | <b>ty</b> No further relevant information available.<br><b>systems:</b><br>No further relevant information available. |  |
| • Mobility in soil    |   | No further relevant information available.  |  |
|                       | l ecological inform   | ation:  |  |
| · General n           | otes:   | Do not allow undiluted product or large quantities of it to read ground water, water bodies or sewage system.         |  |
|                       |   | (Contd. on page   |  |

pag

AF



Page 9/10

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

Printing date 25.10.2021

Version number 7

Revision: 19.10.2021

(Contd. of page 8)

#### Trade name MC-Injekt 2300 rapid - Komponente B

| · Results of PBT and vPvB | of PBT and vPvB assessment                 |  |  |
|---------------------------|--|--|--|
| · PBT:                    | Not applicable.                            |  |  |
| · vPvB:                   | Not applicable.                            |  |  |
| · Other adverse effects   | No further relevant information available. |  |  |
| · Other adverse effects   | No further relevant information available. |  |  |

### **13 Disposal considerations**

Waste treatment methods
 Recommendation

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- Uncleaned packagings:
- · Recommendation:

Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

| UN-Number<br>ADR, ADN, IMDG, IATA                             | Void                        |  |
|---|-----------------------------|--|
| UN proper shipping name<br>ADR, ADN, IMDG, IATA               | Void                        |  |
| Transport hazard class(es)                                    |                             |  |
| ADR, ADN, IMDG, IATA<br>Class                                 | Void                        |  |
| Packing group<br>ADR, IMDG, IATA                              | Void                        |  |
| Environmental hazards:<br>Marine pollutant:                   | No                          |  |
| Special precautions for user                                  | Not applicable.             |  |
| Transport in bulk according to Ann<br>Marpol and the IBC Code | ex II of<br>Not applicable. |  |
| UN "Model Regulation":  | Void                        |  |

### 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Directive 2012/18/EU
- Named dangerous substances - ANNEX I

None of the ingredients is listed.

(Contd. on page 10)

AE



Page 10/10

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

Printing date 25.10.2021

Version number 7

Revision: 19.10.2021

### Trade name MC-Injekt 2300 rapid - Komponente B

(Contd. of page 9)

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

### 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.

| <ul> <li>Department issuing data<br/>specification sheet:</li> <li>Contact:</li> </ul> | Environment protection department.   |
|--|--|
| <ul> <li>Abbreviations and acronyms:</li> </ul>  | RID: Règlement international concernant le transport des marchandises<br>dangereuses par chemin de fer (Regulations Concerning the International<br>Transport of Dangerous Goods by Rail)<br>ICAO: International Civil Aviation Organisation<br>ADR: Accord relatif au transport international des marchandises dangereuses par<br>route (European Agreement Concerning the International Carriage of Dangerous<br>Goods by Road)<br>IMDG: International Maritime Code for Dangerous Goods<br>IATA: International Maritime Code for Dangerous Goods<br>IATA: International Air Transport Association<br>EINECS: European Inventory of Existing Commercial Chemical Substances<br>ELINCS: European List of Notified Chemical Substances<br>CAS: Chemical Abstracts Service (division of the American Chemical Society)<br>DNEL: Derived No-Effect Level (REACH)<br>PNEC: Predicted No-Effect Concentration (REACH)<br>LC50: Lethal concentration, 50 percent<br>D50: Lethal dose, 50 percent<br>PBT: Persistent, Bioaccumulative and Toxic<br>vPVB: very Persistent and very Bioaccumulative<br>Acute Tox. 4: Acute toxicity – Category 2<br>Eye Irrit. 2: Serious eye damage/eye irritation – Category 2<br>Eye Irrit. 2: Serious eye damage/eye irritation – Category 2<br>Eye Irrit. 2: Serious eye damage/eye irritation – Category 2<br>Eye Irrit. 2: Serious eye damage/eye irritation – Category 2<br>Eye Irrit. 2: Serious eye damage/eye irritation – Category 1<br>Skin Sens. 1: Skin sensitisation – Category 1<br>Carc. 2: Carcinogenicity – Category 2<br>STOT SE 3: Specific target organ toxicity (repeated exposure) – Category 3<br>STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2 |