



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

Printing date 21.08.2014

Revision: 21.08.2014

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name** MC-Injekt 2033 - Komponente A**1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

Application of the substance / the preparationPolyurethane resin
Injektion**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)2041-101-384
E-Mail: info@mc-bauchemie.deMC-Bauchemie AG
Poststrasse 30
CH-6300 Zug
Tel.: 044-7400510
Fax : 044-7400533MC-Bauchemie AG
Hagackerstr. 10
CH-8953 Dietikon**Informing department:** Product safety department.
msds@mc-bauchemie.com**1.4 Emergency telephone number:**

Tel.: ++49(0)178 310 10 43

SECTION 2: Hazards identification**Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Carc. 2 H351 Suspected of causing cancer.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

Acute Tox. 4 H332 Harmful if inhaled.

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.

STOT SE 3 H335 May cause respiratory irritation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Xn; Harmful

R20-40-48/20: Harmful by inhalation. Limited evidence of a carcinogenic effect. Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Xn; Sensitising

R42/43: May cause sensitisation by inhalation and skin contact.

Xi; Irritant

R36/37/38: Irritating to eyes, respiratory system and skin.

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 21.08.2014

Revision: 21.08.2014

Trade name MC-Injekt 2033 - Komponente A

(Contd. of page 1)

- **Classification system:** *The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.*

· 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 GHS08

· Signal word

Danger

· Hazard-determining components of labelling:

· Hazard statements

diphenylmethane-4,4'-di-isocyanate

H332 Harmful if inhaled.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 May cause an allergic skin reaction.

H351 Suspected of causing cancer.

H335 May cause respiratory irritation.

H373 May cause damage to organs through prolonged or repeated exposure.

Contains isocyanates. May produce an allergic reaction.

· Precautionary statements

P260

Do not breathe dust/fume/gas/mist/vapours/spray.

P285

In case of inadequate ventilation wear respiratory protection.

P261

Avoid breathing dust/fume/gas/mist/vapours/spray.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321

Specific treatment (see on this label).

P405

Store locked up.

· 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 characterization: Mixtures

· **Description:** *Resin mixture.*

(Contd. on page 3)



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

Printing date 21.08.2014

Revision: 21.08.2014

Trade name MC-Injekt 2033 - Komponente A

(Contd. of page 2)

· Dangerous components:

CAS: 101-68-8 EINECS: 202-966-0	diphenylmethane-4,4'-di-isocyanate Xn R20-40-48/20; Xn R42/43; Xi R36/37/38 Carc. Cat. 3 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	25-100%
CAS: 25322-69-4	Polypropylenglykol Xn R22 Acute Tox. 4, H302	10-<25%
CAS: 124-40-3 EINECS: 204-697-4	methylamine (di-) Xn R20; Xi R37/38-41; F+ R12 Flam. Gas 1, H220; Eye Dam. 1, H318; Acute Tox. 4, H332; Skin Irrit. 2, H315; STOT SE 3, H335; Press. Gas, H280	0.5-<1%

· Additional information For the wording of the listed risk phrases refer to section 16.**SECTION 4: First aid measures****· 4.1 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.
Seek immediate medical advice.
- 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.
- After swallowing** Call a doctor immediately.

- 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.
Extinguishing powder. Do not use water.
- For safety reasons unsuitable extinguishing agents** Water.
- 5.2 Special hazards arising from the substance or mixture** Can be released in case of fire
Carbon monoxide (CO)
Nitrogen oxides (NOx)

(Contd. on page 4)



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

Printing date 21.08.2014

Revision: 21.08.2014

Trade name MC-Injekt 2033 - Komponente A

(Contd. of page 3)

- **5.3 Advice for firefighters**
- **Protective equipment:**
- **Additional information**

Under certain fire conditions, traces of other toxic gases cannot be excluded, e.g.:

Hydrogen cyanide (HCN)

Wear self-contained breathing apparatus.

Cool endangered containers with water spray jet.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation

Use breathing protection against the effects of fumes/dust/aerosol.

- **6.2 Environmental precautions:**

Prevent material from reaching sewage system, holes and cellars.

- **6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of contaminated material as waste according to item 13.

Ensure adequate ventilation.

- **6.4 Reference to other sections**

See Section 8 for information on personal protection equipment.

SECTION 7: Handling and storage

- **7.1 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.

- **7.2 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:**

Keep container tightly sealed.

- **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.

(Contd. on page 5)



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

Printing date 21.08.2014

Revision: 21.08.2014

Trade name MC-Injekt 2033 - Komponente A

(Contd. of page 4)

· 8.1 Control parameters**· Components with critical values that require monitoring at the workplace:****101-68-8 diphenylmethane-4,4'-di-isocyanate (25-100%)**

WEL () Short-term value: 0.07 mg/m³
Long-term value: 0.02 mg/m³
Sen; as -NCO

26761-40-0 di-"isodecyl" phthalate (10-<25%)

WEL () Long-term value: 5 mg/m³

124-40-3 methylamine (di-) (0.5-<1%)

WEL () Short-term value: 11 mg/m³, 6 ppm
Long-term value: 3.8 mg/m³, 2 ppm

· **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**

Do not inhale gases / fumes / aerosols.

Keep 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.

· Breathing equipment:

Short term filter device:

In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.

· Protection of hands:

Protective gloves.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

After use of gloves apply skin-cleaning agents and skin cosmetics.

· Material of gloves

Butyl rubber, BR

Nitrile rubber, NBR

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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· 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.

GB

(Contd. on page 6)



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

Printing date 21.08.2014

Revision: 21.08.2014

Trade name MC-Injekt 2033 - Komponente A

(Contd. of page 5)

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

· Form:	Fluid
· Colour:	Dark brown
· Smell:	Characteristic

· Change in condition

· Melting point/Melting range:	Not determined
· Boiling point/Boiling range:	190 °C

· Flash point: > 110 °C

· Ignition temperature: 400 °C

· Self-inflammability: Product is not selfigniting.

· Danger of explosion: Product is not explosive.

· Density at 20 °C 1.17 g/cm³

· Solubility in / Miscibility with

Water: Hydrolized

· Viscosity:

kinematic at 20 °C: 160 s (DIN 53211/4 s beach)

· 9.2 Other information No further relevant information available.

SECTION 10: Stability and reactivity

· 10.1 Reactivity

· 10.2 Chemical stability

· Thermal decomposition /

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

· 10.3 Possibility of hazardous reactions

Reacts with amines

· 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

SECTION 11: Toxicological information

· 11.1 Information on toxicological effects

· Acute toxicity:

· LD/LC50 values that are relevant for classification:

124-40-3 methylamine (di-)

Oral	LD50	698 mg/kg (Ratte)
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Inhalative	LC50/4 h	4540 mg/l (Ratte)
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· Primary irritant effect:

· on the skin:

Irritant for skin and mucous membranes.

· on the eye:

Irritant effect.

(Contd. on page 7)



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

Printing date 21.08.2014

Revision: 21.08.2014

Trade name MC-Injekt 2033 - Komponente A

(Contd. of page 6)

- **Sensitization:** Sensitization possible by inhalation.
Sensitization possible by skin contact.
- **Additional toxicological information:** The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:
Harmful
Irritant

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 product to reach ground water, water bodies or sewage system.
Danger to drinking water if even small quantities leak into soil.
- **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 11	waste paint and varnish containing organic solvents or other dangerous substances

- **Uncleaned packagings:**
- **Recommendation:** Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.
The material cures to a solid polymer which does not migrate into earth or water. Packagings treated in this way can be disposed or treated in metal melting plants.

GB

(Contd. on page 8)



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

Printing date 21.08.2014

Revision: 21.08.2014

Trade name MC-Injekt 2033 - Komponente A

(Contd. of page 7)

SECTION 14: Transport information

· 14.1 UN-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 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· UN "Model Regulation":	-

SECTION 15: Regulatory information

· 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	H220	Extremely flammable gas.
	H280	Contains gas under pressure; may explode if heated.
	H302	Harmful if swallowed.
	H315	Causes skin irritation.
	H317	May cause an allergic skin reaction.
	H318	Causes serious eye damage.
	H319	Causes serious eye irritation.
	H332	Harmful if inhaled.
	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
	H335	May cause respiratory irritation.
	H351	Suspected of causing cancer.
	H373	May cause damage to organs through prolonged or repeated exposure.
	R12	Extremely flammable.
	R20	Harmful by inhalation.
	R22	Harmful if swallowed.
	R36/37/38	Irritating to eyes, respiratory system and skin.
	R37/38	Irritating to respiratory system and skin.

(Contd. on page 9)



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

Printing date 21.08.2014

Revision: 21.08.2014

Trade name MC-Injekt 2033 - Komponente A

(Contd. of page 8)

R40 Limited evidence of a carcinogenic effect.
R41 Risk of serious damage to eyes.
R42/43 May cause sensitisation by inhalation and skin contact.
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

· **Department issuing data specification sheet:**

Environment protection department.

· **Contact:**

Mr. Hemming

· **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 Organization

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 Harmonized System of Classification and Labelling of Chemicals

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

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



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

Printing date 21.08.2014

Revision: 02.05.2014

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

1.1 Product identifier

Trade name **MC-Injekt 2033 - Komponente B**

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

No further relevant information available.

Application of the substance / the preparation

Polyurethane resin
Injektion

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)2041-101-384
E-Mail: info@mc-bauchemie.de

MC-Bauchemie AG
Poststrasse 30
CH-6300 Zug
Tel.: 044-7400510
Fax : 044-7400533

MC-Bauchemie AG
Hagackerstr. 10
CH-8953 Dietikon

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

1.4 Emergency telephone number:

Tel.: ++49(0)178 310 10 43

SECTION 2: Hazards identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Skin Corr. 1B H314 Causes severe skin burns and eye damage.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Xi; Irritant

R36/38: Irritating to eyes and skin.

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

2.2 Label elements

Labelling according to

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

(Contd. on page 2)

GB



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

Printing date 21.08.2014

Revision: 02.05.2014

Trade name MC-Injekt 2033 - Komponente B

(Contd. of page 1)

· **Hazard pictograms**

GHS05

· **Signal word**

Danger

· **Hazard-determining components of labelling:***N,N*-bis[3-(dimethylamino)propyl]-*N,N'*-dimethylpropane-1,3-diamine*N,N,N',N'*-tetramethyl-2,2'-oxybis(ethylamine)· **Hazard statements**

H314 Causes severe skin burns and eye damage.

· **Precautionary statements**

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

P310

P321 Specific treatment (see on this label).

P405 Store locked up.

· **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 characterization: Mixtures**· **Description:** Mixture of the substances listed below with harmless additions.· **Dangerous components:**

CAS: 33329-35-0 EINECS: 251-459-0	<i>N,N</i> -bis[3-(dimethylamino)propyl]- <i>N,N'</i> -dimethylpropane-1,3-diamine C R34; Xn R20/21 Skin Corr. 1B, H314; Acute Tox. 4, H312; Acute Tox. 4, H332	5-<10%
CAS: 3033-62-3 EINECS: 221-220-5	<i>N,N,N',N'</i> -tetramethyl-2,2'-oxybis(ethylamine) C R34; Xn R20/21/22 R52/53 Skin Corr. 1B, H314; Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Aquatic Chronic 3, H412	1-<2.5%
CAS: 34364-26-6 EINECS: 251-964-6	Bismut(3+)neodecanoat Xi R36 Eye Irrit. 2, H319	1-<1.5%

· **Additional information** For the wording of the listed risk phrases refer to section 16.

GB

(Contd. on page 3)



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

Printing date 21.08.2014

Revision: 02.05.2014

Trade name MC-Injekt 2033 - Komponente B

(Contd. of page 2)

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **After inhalation** Supply fresh air.
- **After skin contact** Instantly wash with water and soap and rinse thoroughly.
- **After eye contact** Seek medical treatment.
- **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.
Extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents** Water.
- **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:** Inform respective authorities in case product reaches water or sewage system.
- **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** See Section 8 for information on personal protection equipment.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.

(Contd. on page 4)



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

Printing date 21.08.2014

Revision: 02.05.2014

Trade name MC-Injekt 2033 - Komponente B

(Contd. of page 3)

Prevent formation of aerosols.

- **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.
See MC-Injekt 2033 Component A
- **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**
- **Breathing equipment:** Wash hands during breaks and at the end of the work.
In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.
- **Protection of hands:** Protective gloves.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
After use of gloves apply skin-cleaning agents and skin cosmetics.
- **Material of gloves** Nitrile rubber, NBR
Butyl rubber, BR
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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **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.

(Contd. on page 5)

GB



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

Printing date 21.08.2014

Revision: 02.05.2014

Trade name MC-Injekt 2033 - Komponente B

· **Body protection:** Protective work clothing.

(Contd. of page 4)

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

· **Form:** Fluid
· **Colour:** Whitish
· **Smell:** Characteristic

· Change in condition

· **Melting point/Melting range:** Not determined
· **Boiling point/Boiling range:** 195 °C

· **Flash point:** > 110 °C

· **Self-inflammability:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive.

· **Density at 20 °C** 1.03 g/cm³

· **Solubility in / Miscibility with Water:** Not miscible or difficult to mix

· **Viscosity:**
· **kinematic at 20 °C:** 15 s (DIN 53211/4)
· **9.2 Other information** No further relevant information available.

SECTION 10: Stability and reactivity

· 10.1 Reactivity

· 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

SECTION 11: Toxicological information

· 11.1 Information on toxicological effects

· Acute toxicity:

· Primary irritant effect:

· **on the skin:** Irritant for skin and mucous membranes.
· **on the eye:** Strong irritant with the danger of severe eye injury.

(Contd. on page 6)



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

Printing date 21.08.2014

Revision: 02.05.2014

Trade name MC-Injekt 2033 - Komponente B

· **Sensitization:** No sensitizing effect known.

(Contd. of page 5)

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.
- **Ecotoxicological effects:**
- **Remark:** Harmful to fish
- **Additional ecological information:**
- **General notes:** Harmful to aquatic organisms
Do not allow product to reach ground water, water bodies or sewage system.
Danger to drinking water if even small quantities leak into soil.
- **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 11	waste paint and varnish containing organic solvents or other dangerous substances

- **Uncleaned packagings:**
- **Recommendation:** Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.
The product has very low viscosity that the tin can be emptied to a high degree. The material which is still remaining in the metal tin can be disposed because the liquid will be decomposed by microorganisms.

SECTION 14: Transport information

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

(Contd. on page 7)



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

Printing date 21.08.2014

Revision: 02.05.2014

Trade name MC-Injekt 2033 - Komponente B

(Contd. of page 6)

· 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 MARPOL73/78 and the IBC Code	Not applicable.
· UN "Model Regulation":	-

SECTION 15: Regulatory information

- **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**
 - H302 Harmful if swallowed.
 - H312 Harmful in contact with skin.
 - H314 Causes severe skin burns and eye damage.
 - H319 Causes serious eye irritation.
 - H332 Harmful if inhaled.
 - H412 Harmful to aquatic life with long lasting effects.
 - R20/21 Harmful by inhalation and in contact with skin.
 - R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
 - R34 Causes burns.
 - R36 Irritating to eyes.
 - R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

- **Department issuing data specification sheet:** Environment protection department.
- **Contact:** Mr. Hemming
- **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 Organization
 - 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

(Contd. on page 8)



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

Printing date 21.08.2014

Revision: 02.05.2014

Trade name MC-Injekt 2033 - Komponente B

(Contd. of page 7)

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

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

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