

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 24.08.2021

Version number 4

Revision: 29.07.2021

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

### 1.1 Product identifier

• **Identification of the substance/preparation:** *Dr. Schutz PU Filler Rapid Komp. B*

• **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

• **Application of the substance / the mixture** Sealant

• **Uses advised against** Product is not intended for private use

### 1.3 Details of the supplier of the safety data sheet

• **Company/undertaking identification:**

Dr. Schutz GmbH

Holbeinstr. 17

D-53175 Bonn

Germany

Tel.: +49(0)228-95352-0,

Fax: +49(0)228-95352-28

info@dr-schutz.com

For the UK:

Dr. Schutz UK Ltd.

Unit 24, Anglo Business Park,

Smeaton Close, Aylesbury Bucks

HP19 8UP

Tel.: 0044 / 1296 437827

Fax: 0044 / 1296 334219

email: steve@dr-schutz.com

• **Further information obtainable from:** Department for product development

### 1.4 Emergency telephone number:

Dr. Schutz UK

steve@dr-schutz.com

0044 (0) 1296 437827 (mon - fri 9am-5pm)

## 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.

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

STOT SE 3 H335 May cause respiratory irritation.

### 2.2 Label elements

• **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

• **Hazard pictograms**



GHS07

• **Signal word** Warning

• **Hazard-determining components of labelling:**

Hexamethylene diisocyanate, oligomerization product, allophate type

hexamethylene-di-isocyanate

(Contd. on page 2)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 24.08.2021

Version number 4

Revision: 29.07.2021

**Identification of the substance/preparation:** *Dr. Schutz PU Filler Rapid Komp. B*

(Contd. of page 1)

• **Hazard statements**

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H335 May cause respiratory irritation.

• **Precautionary statements**

- P261 Avoid breathing vapours.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves / eye protection / face protection.
- P312 Call a POISON CENTER/doctor if you feel unwell.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

• **Additional information:**

- EUH204 Contains isocyanates. May produce an allergic reaction.

• **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 of substances listed below with nonhazardous additions.

• **Dangerous components:**

CAS: 28182-81-2 EC number: 939-567-1	Hexamethylene diisocyanate, oligomerization product, allophate type ⚠ Acute Tox. 4, H332; Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	50-100%
CAS: 822-06-0 EINECS: 212-485-8 Index number: 615-011-00-1 Reg.nr.: 01-2119457571-37	hexamethylene-di-isocyanate ⚠ Acute Tox. 3, H311; Acute Tox. 1, H330; ⚠ Resp. Sens. 1, H334; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335, EUH204 Specific concentration limits: Resp. Sens. 1; H334: C ≥ 0.5 % Skin Sens. 1; H317: C ≥ 0.5 %	<0.1%

- **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:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Rinse out mouth and then drink plenty of water.

• **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 extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** Not applicable.

(Contd. on page 3)

**Safety data sheet**

according to 1907/2006/EC, Article 31

Printing date 24.08.2021

Version number 4

Revision: 29.07.2021

**Identification of the substance/preparation:** *Dr. Schutz PU Filler Rapid Komp. B*

(Contd. of page 2)

- **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.
- **Additional information**  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

**SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground 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**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

**SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Store receptacle in a well ventilated area.
- **7.3 Specific end use(s)** No further relevant information available.

**SECTION 8: Exposure controls/personal protection**· **8.1 Control parameters**· **Exposure limit values:****822-06-0 hexamethylene-di-isocyanate**

WEL	Short-term value: 0.07 mg/m <sup>3</sup> Long-term value: 0.02 mg/m <sup>3</sup> Sen; as -NCO
-----	---

· **Ingredients with biological limit values:****822-06-0 hexamethylene-di-isocyanate**

BMGV	1 µmol creatinine/mol Medium: urine Sampling time: At the end of the period od exposure Parameter: isocyanate-derived diamine
------	--

- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Appropriate engineering controls** No further data; see item 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Respiratory protection:** Not required.
- **Hand protection**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

(Contd. on page 4)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 24.08.2021

Version number 4

Revision: 29.07.2021

Identification of the substance/preparation: *Dr. Schutz PU Filler Rapid Komp. B*

(Contd. of page 3)

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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

- **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. 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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye/face protection** Goggles recommended during refilling

- **Body protection:** Light weight protective clothing

## SECTION 9: Physical and chemical properties

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

- **General Information**

- **Physical state**

Fluid

- **Colour:**

Coloured

- **Odour:**

Characteristic

- **Odour threshold:**

Not determined.

- **Melting point/freezing point:**

-54°C

- **Boiling point or initial boiling point and boiling range**

Undetermined.

- **Flammability**

Not applicable.

- **Lower and upper explosion limit**

- **Lower:**

Not determined.

- **Upper:**

Not determined.

- **Flash point:**

&gt;100°C (Seta Flash Closed Cup)

- **Auto-ignition temperature:**

Product is not selfigniting.

- **Decomposition temperature:**

Not determined.

- **pH**

Not determined.

- **Viscosity:**

- **Kinematic viscosity**

Not determined.

- **Dynamic at 20°C:**

25,000 mPas

- **Solubility**

- **water:**

Not miscible or difficult to mix.

- **Partition coefficient n-octanol/water (log value)**

Not determined.

- **Vapour pressure at 20°C:**

23 hPa (7732-18-5 water, distilled, conductivity or of similar purity)

- **Density and/or relative density**

- **Density at 20°C:**

1.079 g/cm<sup>3</sup>

- **Relative density**

Not determined.

- **Vapour density**

Not determined.

- **9.2 Other information**

- **Appearance:**

- **Form:**

Fluid

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

- **Explosive properties:**

Product does not present an explosion hazard.

(Contd. on page 5)

GB

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 24.08.2021

Version number 4

Revision: 29.07.2021

Identification of the substance/preparation: *Dr. Schutz PU Filler Rapid Komp. B*

(Contd. of page 4)

- Change in condition
- Evaporation rate Not determined.

- Information with regard to physical hazard classes

- Explosives Not applicable
- Flammable gases Not applicable
- Aerosols Not applicable
- Oxidising gases Not applicable
- Gases under pressure Not applicable
- Flammable liquids Not applicable
- Flammable solids Not applicable
- Self-reactive substances and mixtures Not applicable
- Pyrophoric liquids Not applicable
- Pyrophoric solids Not applicable
- Self-heating substances and mixtures Not applicable
- Substances and mixtures, which emit flammable gases in contact with water Not applicable
- Oxidising liquids Not applicable
- Oxidising solids Not applicable
- Organic peroxides Not applicable
- Corrosive to metals Not applicable
- Desensitised explosives Not applicable

## SECTION 10: Stability and reactivity

- **10.1 Reactivity** see section "Possibility of hazardous reactions".
- **10.2 Chemical stability** No information available.
- **Conditions to avoid:** 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 hazard classes as defined in Regulation (EC) No 1272/2008**
- Acute toxicity

- LD/LC50 values relevant for classification:

## 822-06-0 hexamethylene-di-isocyanate

Oral	LD50	738 mg/kg (rat)
Dermal	LD50	593 mg/kg (rat)

- **Skin corrosion/irritation** Causes skin irritation.
- **Respiratory or skin sensitisation** May cause an allergic skin reaction.
- **STOT-single exposure** May cause respiratory irritation.
- **11.2 Information on other hazards**

- Endocrine disrupting properties

None of the ingredients is listed.

GB

(Contd. on page 6)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 24.08.2021

Version number 4

Revision: 29.07.2021

Identification of the substance/preparation: *Dr. Schutz PU Filler Rapid Komp. B*

(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.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**  
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow to reach ground water/water course. Do not allow undiluted product or large quantities of it to reach sewage system.

**SECTION 13: Disposal considerations**

- **13.1 Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

**SECTION 14: Transport information**

- |   |                 |
|---|-----------------|
| · <b>14.1 UN number or ID number</b>                                  | Void.           |
| · <b>ADR, IMDG, IATA</b>  | Not applicable  |
| · <b>14.2 UN proper shipping name</b>                                 | Not applicable. |
| · <b>ADR, IMDG, IATA</b>  | Not applicable  |
| · <b>14.3 Transport hazard class(es)</b>                              | Not applicable. |
| · <b>ADR, ADN, IMDG, IATA</b>   |                 |
| · <b>Class</b>  | Not applicable  |
| · <b>14.4 Packing group</b>   | Not applicable. |
| · <b>ADR, IMDG, IATA</b>  | Not applicable  |
| · <b>14.5 Environmental hazards:</b>                                  | Not applicable. |
| · <b>14.6 Special precautions for user</b>                            | Not applicable. |
| · <b>14.7 Maritime transport in bulk according to IMO instruments</b> | Not applicable. |
| · <b>UN "Model Regulation":</b>                                       | Not applicable  |

-GB-

(Contd. on page 7)

**Safety data sheet**

according to 1907/2006/EC, Article 31

Printing date 24.08.2021

Version number 4

Revision: 29.07.2021

**Identification of the substance/preparation:** *Dr. Schutz PU Filler Rapid Komp. B*

(Contd. of page 6)

**SECTION 15: Regulatory information**

- **15.1 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.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

This information is based on our present knowledge. However, this 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.
- H311 Toxic in contact with skin.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H330 Fatal if inhaled.
- H332 Harmful if inhaled.
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H335 May cause respiratory irritation.
- EUH204 Contains isocyanates. May produce an allergic reaction.

**· Department issuing SDS:** Department for product development**· Abbreviations and acronyms:**

- 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. 1: Acute toxicity – Category 1
- Acute Tox. 4: Acute toxicity – Category 4
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
- Resp. Sens. 1: Respiratory sensitisation – Category 1
- Skin Sens. 1: Skin sensitisation – Category 1
- STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

GB