



# TECPO KKD

## Karosserie Klebe- und Dichtmasse\_EN

Version number: 1.0

Issued: 2024-10-09

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

#### 1.1. Product identifier

**Trade name**

TECPO KKD Karosserie Klebe- und Dichtmasse\_EN

**Article No.**

300801

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

**Relevant identified uses**

Sealants

**Not suitable for use in**

None known.

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

**Supplier**

TECPO GmbH

Address

Dreherstraße 16-20

42899 Remscheid

Germany

Telephone

+49 2191 951 3305

Email

info@tecpo.de

Fax

+49 2191 951 33044

Web site

www.tecpo.de

#### 1.4. Emergency telephone number

**Poison center/Additional emergency number**

+49 (0) 89 19240 - Poison Emergency Call Munich



# TECPO KKD

## Karosserie Klebe- und Dichtmasse\_EN

Version number: 1.0  
Issued: 2024-10-09

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

The product is not classified as hazardous according to Regulation (EC) No 1272/2008.

#### 2.2. Label elements

##### Supplemental hazard statements

EUH204 Contains isocyanates. May produce an allergic reaction.  
EUH208 Contains Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate. May produce an allergic reaction.  
EUH210 Safety data sheet available on request.

##### More information

From August 24, 2023, appropriate training must be provided prior to industrial or commercial use.

#### 2.3. Other hazards

Causes mild skin irritation.

This product does not contain any PBT or vPvB substances.

The product does not contain any substances with endocrine-disrupting properties.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

| Chemical name                                     | CAS No.<br>EC No.<br>REACH No.<br>Index No. | Concentration | Classification                                                                                                                                                           | H-phrase<br>M factor acute<br>M factor chronic                    | Note                                                                                                                               |
|---------------------------------------------------|---------------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Xylene (reaction mass of ethylbenzene and xylene) | -<br>905-588-0<br>01-2119488216-32<br>-     | 5 - <10%      | Flam. Liq. 3, Asp.<br>Tox. 1, Acute Tox.<br>4 - dermal, Skin<br>Irrit. 2, Eye Irrit. 2,<br>Acute Tox. 4 -<br>inhalation, STOT<br>SE 3 - resp. tract<br>irrit., STOT RE 2 | H226, H304,<br>H312, H315,<br>H319, H332,<br>H335, H373<br>-<br>- | STOT RE 2 ::<br>C>=10%<br><br>ATEmix<br>Oral LD50: 3523<br>mg/kg<br>Dermal LD50:<br>1999 mg/kg<br>Inhalative LC50 -<br>4h: 19 mg/l |
| Aromatic polyisocyanate                           | 53317-61-6<br>500-120-8<br>-<br>-           | 0,1 - <1%     | Skin Sens. 1, Eye<br>Irrit. 2                                                                                                                                            | H317, H319<br>-<br>-                                              | -                                                                                                                                  |



# TECPO KKD

## Karosserie Klebe- und Dichtmasse\_EN

Version number: 1.0  
Issued: 2024-10-09

| Chemical name                                                                                                            | CAS No.<br>EC No.<br>REACH No.<br>Index No.                 | Concentration | Classification                                                                                                                                  | H-phrase<br>M factor acute<br>M factor chronic           | Note                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acetic acid ethyl ester                                                                                                  | 141-78-6<br>205-500-4<br>01-2119475103-46<br>607-022-00-5   | 0,1 - <0,3%   | Flam. Liq. 2, Eye Irrit. 2, STOT SE 3 - narcosis                                                                                                | H225, H319, H336, EUH066<br>-<br>-                       | ATEmix<br>Inhalative LC50 - 4h: 14,4131 mg/l                                                                                                                               |
| Diphenylmethan-4,4-diisocyanat                                                                                           | 101-68-8<br>202-966-0<br>01-2119457014-47<br>615-005-00-9   | 0,01 - <0,1%  | Skin Irrit. 2, Skin Sens. 1, Eye Irrit. 2, Acute Tox. 4 - inhalation, Resp. Sens. 1, STOT SE 3 - resp. tract irrit., Carc. 2, STOT RE 2         | H315, H317, H319, H332, H334, H335, H351, H373<br>-<br>- | Eye Irrit. 2; H319: C ≥ 5 %<br>Skin Irrit. 2; H315: C ≥ 5 %<br>Resp. Sens. 1; H334: C ≥ 0,1 %<br>STOT SE 3; H335: C ≥ 5 %;<br><br>ATEmix<br>Inhalative LC50 - 4h: 1,5 mg/l |
| Reaction mass from bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate | 1065336-91-5<br>915-687-0<br>01-2119491304-40<br>-          | 0,01 - <0,1%  | -                                                                                                                                               | H317, H361f, H400, H410<br>M-acut=1<br>M-chro=1          | -                                                                                                                                                                          |
| m-tolylidene diisocyanate                                                                                                | 26471-62-5<br>247-722-4<br>01-2119454791-34<br>615-006-00-4 | 0,01 - <0,1%  | Skin Irrit. 2, Skin Sens. 1, Eye Irrit. 2, Acute Tox. 2 - inhalation, Resp. Sens. 1, STOT SE 3 - resp. tract irrit., Carc. 2, Aquatic Chronic 3 | H315, H317, H319, H330, H334, H335, H351, H412<br>-<br>- | Resp. Sens. 1; H334: C ≥ 0,1 %;<br><br>ATEmix<br>Inhalative - 4 h: 0,107 mg/l                                                                                              |

### **Substance additional information**

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

## **SECTION 4: First aid measures**

### **4.1. Description of first aid measures**

If medical advice is needed, have product container or label at hand. Obtain medical attention and bring these instructions.

#### **Inhalation**

Move the exposed person to fresh air at once. Consult a doctor if symptoms persist.



# TECPO KKD

## Karosserie Klebe- und Dichtmasse\_EN

Version number: 1.0

Issued: 2024-10-09

### **Skin contact**

Wash skin with soap and water. In case of skin irritation or allergic reactions consult a doctor.

### **Eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes, lifting the upper and lower eyelids. Seek medical attention.

### **Ingestion**

Immediately rinse mouth and drink plenty of water (200-300 ml). Do NOT induce vomiting. Do not give victim anything to drink if he is unconscious.

#### **4.2. Most important symptoms and effects, both acute and delayed**

Prolonged contact may cause redness or irritation.

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

There is no information available.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Use firefighting measures that are adapted to the local conditions and environment.

#### **Unsuitable extinguishing media**

There is no information available.

### **5.2. Special hazards arising from the substance or mixture**

There is no information available.

Hazardous decomposition products: Carbon oxides. Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). nitrogen oxides (NO<sub>x</sub>). Hydrocarbons. Aldehydes. Hydrogen cyanide (HCN). Isocyanates. Hydrochloric acid (HCl).

### **5.3. Advice for firefighters**

#### **Special protective equipment for fire-fighters**

Wear self-contained breathing apparatus and full operational clothing. Use suitable personal protective equipment (see SECTION 8).



# TECPO KKD

## Karosserie Klebe- und Dichtmasse\_EN

Version number: 1.0

Issued: 2024-10-09

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

Protective measures: see section 7 + 8.

#### 6.2. Environmental precautions

See section 12 for additional environmental information.

#### 6.3. Methods and material for containment and cleaning up

Do not spread leaked material with a high-pressure water jet.

Pick up mechanically and dispose of in suitable containers.

Dispose of the collected material in accordance with the regulations (Section 13).

Thoroughly clean soiled objects and surfaces in compliance with environmental regulations.

#### 6.4. Reference to other sections

See SECTIONS 7+8+13

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Preventive handling precautions

Ensure adequate ventilation.

##### General hygiene

Handle with good industrial hygiene and safety technology.

#### 7.2. Conditions for safe storage, including any incompatibilities

Protect from moisture.

Recommended storage temperature: Keep temperatures between 10 and 35 °C.

#### 7.3. Specific end use(s)

Adhesives, Sealants.

#### Other

Observe the technical data sheet.



# TECPO KKD

## Karosserie Klebe- und Dichtmasse\_EN

Version number: 1.0  
Issued: 2024-10-09

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Exposure limits

This product contains carbon black in a non-respirable form. Inhalation of carbon black from exposure to this product is unlikely.

##### National occupational exposure limits

| Ingredient                                        | CAS No.<br>EC No.       | Exposure limit<br>ppm / mg/m <sup>3</sup> | Short-term<br>exposure limit<br>ppm / mg/m <sup>3</sup> | Source   | Remark                                         | Year |
|---------------------------------------------------|-------------------------|-------------------------------------------|---------------------------------------------------------|----------|------------------------------------------------|------|
| Xylene (reaction mass of ethylbenzene and xylene) | -<br>905-588-0          | 50<br>221                                 | 100<br>442                                              | EU       | S*                                             | -    |
| Xylene (reaction mass of ethylbenzene and xylene) | -<br>905-588-0          | 100<br>440                                | -<br>-                                                  | AGW      | factor 2; H*                                   | -    |
| Acetic acid ethyl ester                           | 141-78-6<br>205-500-4   | 200<br>730                                | -<br>-                                                  | AGW      | exposure factor 2                              | -    |
| Acetic acid ethyl ester                           | 141-78-6<br>205-500-4   | 200<br>734                                | 400<br>1468                                             | EU       | -                                              | -    |
| Diphenylmethan-4,4-diisocyanat                    | 101-68-8<br>202-966-0   | -<br>0,05                                 | -<br>-                                                  | AGW      | ceiling factor 2;<br>exposure 1; Sa; Sh;<br>H* | -    |
| m-tolylidene diisocyanate                         | 26471-62-5<br>247-722-4 | 0,005<br>0,035                            | -<br>-                                                  | TRGS 430 | factor: 1;=4=(I), Sa                           | -    |

##### DNEL/DMEL

| Product/Substance name<br>(CAS No./EC No.)                         | Type | Exposure                          | Value                 | Population | Effects  |
|--------------------------------------------------------------------|------|-----------------------------------|-----------------------|------------|----------|
| Xylene (reaction mass of ethylbenzene and xylene)<br>(-/905-588-0) | DNEL | Chronic (long term)<br>Inhalation | 221 mg/m <sup>3</sup> | Workers    | Systemic |
| Xylene (reaction mass of ethylbenzene and xylene)<br>(-/905-588-0) | DNEL | Chronic (long term)<br>Inhalation | 221 mg/m <sup>3</sup> | Workers    | Local    |
| Xylene (reaction mass of ethylbenzene and xylene)<br>(-/905-588-0) | DNEL | Acute (short term)<br>Inhalation  | 442 mg/m <sup>3</sup> | Workers    | Local    |
| Xylene (reaction mass of ethylbenzene and xylene)<br>(-/905-588-0) | DNEL | Chronic (long term)<br>Dermal     | 212 mg/kg bw/day      | Workers    | Systemic |



# TECPO KKD

## Karosserie Klebe- und Dichtmasse\_EN

Version number: 1.0  
Issued: 2024-10-09

| Product/Substance name<br>(CAS No./EC No.)                         | Type | Exposure                          | Value             | Population | Effects  |
|--------------------------------------------------------------------|------|-----------------------------------|-------------------|------------|----------|
| Xylene (reaction mass of ethylbenzene and xylene)<br>(-/905-588-0) | DNEL | Chronic (long term)<br>Inhalation | 65,3 mg/m³        | Consumers  | Systemic |
| Xylene (reaction mass of ethylbenzene and xylene)<br>(-/905-588-0) | DNEL | Acute (short term)<br>Inhalation  | 260 mg/m³         | Consumers  | Systemic |
| Xylene (reaction mass of ethylbenzene and xylene)<br>(-/905-588-0) | DNEL | Chronic (long term)<br>Inhalation | 65,3 mg/m³        | Consumers  | Local    |
| Xylene (reaction mass of ethylbenzene and xylene)<br>(-/905-588-0) | DNEL | Acute (short term)<br>Inhalation  | 260 mg/m³         | Consumers  | Local    |
| Xylene (reaction mass of ethylbenzene and xylene)<br>(-/905-588-0) | DNEL | Chronic (long term)<br>Dermal     | 125 mg/kg bw/day  | Workers    | Systemic |
| Xylene (reaction mass of ethylbenzene and xylene)<br>(-/905-588-0) | DNEL | Chronic (long term)<br>Oral       | 12,5 mg/kg bw/day | Consumers  | Systemic |
| Acetic acid ethyl ester<br>(141-78-6/205-500-4)                    | DNEL | Chronic (long term)<br>Inhalation | 734 mg/m³         | Workers    | Systemic |
| Acetic acid ethyl ester<br>(141-78-6/205-500-4)                    | DNEL | Acute (short term)<br>Inhalation  | 1468 mg/m³        | Workers    | Systemic |
| Acetic acid ethyl ester<br>(141-78-6/205-500-4)                    | DNEL | Chronic (long term)<br>Inhalation | 734 mg/m³         | Workers    | Local    |
| Acetic acid ethyl ester<br>(141-78-6/205-500-4)                    | DNEL | Acute (short term)<br>Inhalation  | 1468 mg/m³        | Workers    | Local    |
| Acetic acid ethyl ester<br>(141-78-6/205-500-4)                    | DNEL | Chronic (long term)<br>Dermal     | 63 mg/kg bw/day   | Workers    | Systemic |
| Acetic acid ethyl ester<br>(141-78-6/205-500-4)                    | DNEL | Chronic (long term)<br>Oral       | 4,5 mg/kg bw/day  | Consumers  | Systemic |
| Acetic acid ethyl ester<br>(141-78-6/205-500-4)                    | DNEL | Chronic (long term)<br>Dermal     | 37 mg/kg bw/day   | Consumers  | Systemic |
| Acetic acid ethyl ester<br>(141-78-6/205-500-4)                    | DNEL | Acute (short term)<br>Inhalation  | 734 mg/m³         | Consumers  | Systemic |
| Acetic acid ethyl ester<br>(141-78-6/205-500-4)                    | DNEL | Chronic (long term)<br>Inhalation | 367 mg/m³         | Consumers  | Local    |
| Acetic acid ethyl ester<br>(141-78-6/205-500-4)                    | DNEL | Acute (short term)<br>Inhalation  | 734 mg/m³         | Consumers  | Local    |
| Acetic acid ethyl ester<br>(141-78-6/205-500-4)                    | DNEL | Chronic (long term)<br>Inhalation | 367 mg/m³         | Consumers  | Systemic |



# TECPO KKD

## Karosserie Klebe- und Dichtmasse\_EN

Version number: 1.0  
Issued: 2024-10-09

| Product/Substance name<br>(CAS No./EC No.)                                                                                                                          | Type | Exposure                          | Value           | Population | Effects  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------|-----------------|------------|----------|
| Diphenylmethan-4,4-diisocyanat<br>(101-68-8/202-966-0)                                                                                                              | DNEL | Acute (short term)<br>Dermal      | 50 mg/kg bw/day | Workers    | Systemic |
| Diphenylmethan-4,4-diisocyanat<br>(101-68-8/202-966-0)                                                                                                              | DNEL | Acute (short term)<br>Inhalation  | 0,1 mg/m³       | Workers    | Systemic |
| Diphenylmethan-4,4-diisocyanat<br>(101-68-8/202-966-0)                                                                                                              | DNEL | Acute (short term)<br>Dermal      | 27800 µg/cm²    | Workers    | Local    |
| Diphenylmethan-4,4-diisocyanat<br>(101-68-8/202-966-0)                                                                                                              | DNEL | Acute (short term)<br>Inhalation  | 0,1 mg/m³       | Workers    | Local    |
| Diphenylmethan-4,4-diisocyanat<br>(101-68-8/202-966-0)                                                                                                              | DNEL | Chronic (long term)<br>Inhalation | 0,05 mg/m³      | Workers    | Systemic |
| Diphenylmethan-4,4-diisocyanat<br>(101-68-8/202-966-0)                                                                                                              | DNEL | Chronic (long term)<br>Inhalation | 0,05 mg/m³      | Workers    | Local    |
| Diphenylmethan-4,4-diisocyanat<br>(101-68-8/202-966-0)                                                                                                              | DNEL | Acute (short term)<br>Dermal      | 25 mg/kg bw/day | Consumers  | Systemic |
| Diphenylmethan-4,4-diisocyanat<br>(101-68-8/202-966-0)                                                                                                              | DNEL | Acute (short term)<br>Inhalation  | 0,05 mg/m³      | Consumers  | Systemic |
| Diphenylmethan-4,4-diisocyanat<br>(101-68-8/202-966-0)                                                                                                              | DNEL | Acute (short term)<br>Oral        | 20 mg/kg bw/day | Consumers  | Systemic |
| Diphenylmethan-4,4-diisocyanat<br>(101-68-8/202-966-0)                                                                                                              | DNEL | Acute (short term)<br>Dermal      | 17200 µg/cm²    | Consumers  | Local    |
| Diphenylmethan-4,4-diisocyanat<br>(101-68-8/202-966-0)                                                                                                              | DNEL | Acute (short term)<br>Inhalation  | 0,05 mg/m³      | Consumers  | Local    |
| Diphenylmethan-4,4-diisocyanat<br>(101-68-8/202-966-0)                                                                                                              | DNEL | Chronic (long term)<br>Inhalation | 0,025 mg/m³     | Consumers  | Systemic |
| Diphenylmethan-4,4-diisocyanat<br>(101-68-8/202-966-0)                                                                                                              | DNEL | Acute (short term)<br>Inhalation  | 0,025 mg/m³     | Consumers  | Local    |
| Reaction mass from bis(1,2,2,6,6-penta-<br>methy l-4-piperidyl) sebacate and methyl<br>1,2,2,6,6-pentamethyl-4- piperidyl seba-<br>cate<br>(1065336-91-5/915-687-0) | DNEL | Chronic (long term)<br>Inhalation | 1,27 mg/m³      | Workers    | Systemic |
| Reaction mass from bis(1,2,2,6,6-penta-<br>methy l-4-piperidyl) sebacate and methyl<br>1,2,2,6,6-pentamethyl-4- piperidyl seba-<br>cate<br>(1065336-91-5/915-687-0) | DNEL | Chronic (long term)<br>Dermal     | 1,8 mg/kg       | Workers    | Systemic |
| Reaction mass from bis(1,2,2,6,6-penta-<br>methy l-4-piperidyl) sebacate and methyl<br>1,2,2,6,6-pentamethyl-4- piperidyl seba-<br>cate                             | DNEL | Chronic (long term)<br>Inhalation | 0,31 mg/m³      | Consumers  | Systemic |



# TECPO KKD

## Karosserie Klebe- und Dichtmasse\_EN

Version number: 1.0  
Issued: 2024-10-09

| Product/Substance name<br>(CAS No./EC No.)                                                                                                                          | Type | Exposure                          | Value       | Population | Effects  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------|-------------|------------|----------|
| (1065336-91-5/915-687-0)                                                                                                                                            |      |                                   |             |            |          |
| Reaction mass from bis(1,2,2,6,6-penta-<br>methy l-4-piperidyl) sebacate and methyl<br>1,2,2,6,6-pentamethyl-4- piperidyl seba-<br>cate<br>(1065336-91-5/915-687-0) | DNEL | Chronic (long term)<br>Dermal     | 0,9 mg/kg   | Consumers  | Systemic |
| Reaction mass from bis(1,2,2,6,6-penta-<br>methy l-4-piperidyl) sebacate and methyl<br>1,2,2,6,6-pentamethyl-4- piperidyl seba-<br>cate<br>(1065336-91-5/915-687-0) | DNEL | Chronic (long term)<br>Oral       | 0,18 mg/kg  | Consumers  | Systemic |
| m-tolylidene diisocyanate<br>(26471-62-5/247-722-4)                                                                                                                 | DNEL | Chronic (long term)<br>Inhalation | 0,35 mg/m³  | Workers    | Systemic |
| m-tolylidene diisocyanate<br>(26471-62-5/247-722-4)                                                                                                                 | DNEL | Acute (short term)<br>Inhalation  | 0,14 mg/m³  | Workers    | Systemic |
| m-tolylidene diisocyanate<br>(26471-62-5/247-722-4)                                                                                                                 | DNEL | Chronic (long term)<br>Inhalation | 0,035 mg/m³ | Workers    | Local    |
| m-tolylidene diisocyanate<br>(26471-62-5/247-722-4)                                                                                                                 | DNEL | Acute (short term)<br>Inhalation  | 0,14 mg/m³  | Workers    | Local    |

PNEC/PEC

| Product/Substance name<br>(CAS No./EC No.)                         | Type | Environmental compartment | Value             |
|--------------------------------------------------------------------|------|---------------------------|-------------------|
| Xylene (reaction mass of ethylbenzene and xylene)<br>(-/905-588-0) | PNEC | Freshwater                | 0,327 mg/l        |
| Xylene (reaction mass of ethylbenzene and xylene)<br>(-/905-588-0) | PNEC | Marine water              | 0,327 mg/l        |
| Xylene (reaction mass of ethylbenzene and xylene)<br>(-/905-588-0) | PNEC | Sewage Treatment Plant    | 6,58 mg/l         |
| Xylene (reaction mass of ethylbenzene and xylene)<br>(-/905-588-0) | PNEC | Sediment (freshwater)     | 12,46<br>mg/kg dw |
| Xylene (reaction mass of ethylbenzene and xylene)<br>(-/905-588-0) | PNEC | Soil                      | 2,31 mg/kg<br>dw  |
| Acetic acid ethyl ester<br>(141-78-6/205-500-4)                    | PNEC | Freshwater                | 0,24 mg/l         |
| Acetic acid ethyl ester<br>(141-78-6/205-500-4)                    | PNEC | Marine water              | 0,024 mg/l        |



# TECPO KKD

## Karosserie Klebe- und Dichtmasse\_EN

Version number: 1.0  
Issued: 2024-10-09

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|-------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------|--------------|
| Acetic acid ethyl ester<br>(141-78-6/205-500-4)                                                                                                       | PNEC | Sediment (freshwater)              | 1,15 mg/kg   |
| Acetic acid ethyl ester<br>(141-78-6/205-500-4)                                                                                                       | PNEC | Sediment (marine water)            | 0,115 mg/kg  |
| Acetic acid ethyl ester<br>(141-78-6/205-500-4)                                                                                                       | PNEC | Soil                               | 0,148 mg/kg  |
| Acetic acid ethyl ester<br>(141-78-6/205-500-4)                                                                                                       | PNEC | Sewage Treatment Plant             | 650 mg/l     |
| Diphenylmethan-4,4-diisocyanat<br>(101-68-8/202-966-0)                                                                                                | PNEC | Freshwater                         | 1 mg/l       |
| Diphenylmethan-4,4-diisocyanat<br>(101-68-8/202-966-0)                                                                                                | PNEC | Marine water                       | 0,1 mg/l     |
| Diphenylmethan-4,4-diisocyanat<br>(101-68-8/202-966-0)                                                                                                | PNEC | Soil                               | 1 mg/kg dwt  |
| Diphenylmethan-4,4-diisocyanat<br>(101-68-8/202-966-0)                                                                                                | PNEC | Sewage Treatment Plant             | 1 mg/l       |
| Diphenylmethan-4,4-diisocyanat<br>(101-68-8/202-966-0)                                                                                                | PNEC | Intermittent releases (freshwater) | 10 mg/l      |
| Reaction mass from bis(1,2,2,6,6-pentamethy l-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate<br>(1065336-91-5/915-687-0) | PNEC | Freshwater                         | 0,0022 mg/l  |
| Reaction mass from bis(1,2,2,6,6-pentamethy l-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate<br>(1065336-91-5/915-687-0) | PNEC | Marine water                       | 0,00022 mg/l |
| Reaction mass from bis(1,2,2,6,6-pentamethy l-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate<br>(1065336-91-5/915-687-0) | PNEC | Intermittent releases (freshwater) | 0,009 mg/l   |
| Reaction mass from bis(1,2,2,6,6-pentamethy l-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate<br>(1065336-91-5/915-687-0) | PNEC | Sediment (freshwater)              | 1,05 mg/kg   |
| Reaction mass from bis(1,2,2,6,6-pentamethy l-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate<br>(1065336-91-5/915-687-0) | PNEC | Sediment (marine water)            | 0,11 mg/kg   |
| Reaction mass from bis(1,2,2,6,6-pentamethy l-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate<br>(1065336-91-5/915-687-0) | PNEC | Soil                               | 0,21 mg/kg   |



# TECPO KKD

## Karosserie Klebe- und Dichtmasse\_EN

Version number: 1.0  
Issued: 2024-10-09

| Product/Substance name<br>(CAS No./EC No.)                                                                                                           | Type | Environmental compartment | Value        |
|------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------|--------------|
| piperidyl sebacate<br>(1065336-91-5/915-687-0)                                                                                                       |      |                           |              |
| Reaction mass from bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate<br>(1065336-91-5/915-687-0) | PNEC | Sewage Treatment Plant    | 1 mg/l       |
| m-tolylidene diisocyanate<br>(26471-62-5/247-722-4)                                                                                                  | PNEC | Freshwater                | 0,013 mg/l   |
| m-tolylidene diisocyanate<br>(26471-62-5/247-722-4)                                                                                                  | PNEC | Marine water              | 0,00125 mg/l |
| m-tolylidene diisocyanate<br>(26471-62-5/247-722-4)                                                                                                  | PNEC | Sewage Treatment Plant    | 1 mg/l       |
| m-tolylidene diisocyanate<br>(26471-62-5/247-722-4)                                                                                                  | PNEC | Soil                      | 1 mg/kg dwt  |

### 8.2. Exposure controls

#### Appropriate engineering controls

Ensure adequate ventilation, especially in closed rooms.

#### Personal Protective Equipment Symbols



#### Eye / face protection

Wear safety goggles with side shield (or safety glasses). Eye protection must comply with the DIN EN 166 standard.

#### Hand protection

Nitrile rubber. Butyl rubber. Thickness of the gloves > 0.4 mm. Breakthrough time (maximum wearing time):. The breakthrough time for the specified glove materials is generally greater than 60 minutes.

Recommendation: Gloves must comply with the EN 374 standard.

#### Other skin protection

Wear suitable protective clothing.

#### Respiratory protection

Wear respiratory protection in case of insufficient ventilation. Wear a respirator in accordance with EN 140 with filter type A/P2 or better. Ensure adequate ventilation, especially in closed rooms.  
Recommended filter type: Filter for organic gases and vapors according to EN 14387.



# TECPO KKD

## Karosserie Klebe- und Dichtmasse\_EN

Version number: 1.0

Issued: 2024-10-09

### Environmental exposure controls

There is no information available.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Physical state

Solid

#### Colour

Black.

#### Odour

Characteristic.

#### Melting point / freezing point

No data available.

#### Boiling point or initial boiling point and boiling range

No data available.

#### Flammability

No data available.

#### Lower and upper explosion limit

No data available.

#### Flash point

> 61 °C

#### Auto-ignition temperature

No data available.

#### Decomposition temperature

No data available.

#### pH

No data available.

#### Kinematic viscosity

488000 mm<sup>2</sup>/s

#### Viscosity, dynamic

600000 mPa · s



# TECPO KKD

## Karosserie Klebe- und Dichtmasse\_EN

Version number: 1.0

Issued: 2024-10-09

### Solubility

No data available.

### Water solubility

No data available.

### Partition coefficient n-octanol/water

No data available.

### Vapour pressure

No data available.

### Density and/or relative density

1,23 g/cm<sup>3</sup>

### Relative density

No data available.

### Relative vapour density

No data available.

### Particle characteristics

There is no information available.

## 9.2. Other information

There is no information available.

### Other

There is no information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

There is no information available.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No hazardous reactions will occur if handled and stored as directed.

### 10.4. Conditions to avoid

Product hardens with moisture. Protect from moisture.

### 10.5. Incompatible materials

There is no information available.



# TECPO KKD

## Karosserie Klebe- und Dichtmasse\_EN

Version number: 1.0  
Issued: 2024-10-09

**10.6. Hazardous decomposition products**  
None known under normal conditions of use. Stable under the prescribed storage conditions.

### SECTION 11: Toxicological information

**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute toxicity**  
The following values are calculated on the basis of chapter 3.1 of the GHS document  
ATEmix (oral) : >5000 mg/kg  
ATEmix (dermal) : 13729,80 mg/kg  
ATEmix (inhalation of gas) : >20000 ppm  
ATEmix (inhalation of dust/mist) : >5 mg/l  
ATEmix (inhalation of vapors) : 333,20 mg/l

| Product / Sub-<br>stance name<br>CAS / EC no.                               | Dose descriptor | Value / Dose  | Exposure route | Duration of<br>exposure | Test animals             | Method /<br>Guideline |
|-----------------------------------------------------------------------------|-----------------|---------------|----------------|-------------------------|--------------------------|-----------------------|
| m-tolylidene<br>diisocyanate<br>26471-62-5 /<br>247-722-4                   | LD50            | 3060 mg/kg    | Oral           | -                       | Rat                      | -                     |
| m-tolylidene<br>diisocyanate<br>26471-62-5 /<br>247-722-4                   | LD50            | 10000 mg/kg   | Dermal         | -                       | Oryctolagus<br>cuniculus | -                     |
| m-tolylidene<br>diisocyanate<br>26471-62-5 /<br>247-722-4                   | LC50            | 0,107 mg/l    | Inhalative     | 4 hours                 | Rat                      | OECD 403              |
| m-tolylidene<br>diisocyanate<br>26471-62-5 /<br>247-722-4                   | LC50            | 0,48 mg/l     | Inhalative     | 1 hour                  | Rat                      | OECD 403              |
| Xylene (reaction<br>mass of ethyl-<br>benzene and<br>xylene)<br>/ 905-588-0 | LD50            | 3500 mg/kg    | Oral           | -                       | Rat                      | -                     |
| Xylene (reaction<br>mass of ethyl-<br>benzene and<br>xylene)                | LD50            | > 10000 mg/kg | Dermal         | -                       | Oryctolagus<br>cuniculus | -                     |



**TECPO KKD**  
**Karosserie Klebe-**  
**und Dichtmasse\_EN**

Version number: 1.0  
Issued: 2024-10-09

| Product / Sub-<br>stance name<br>CAS / EC no.                                                                                      | Dose descriptor | Value / Dose                  | Exposure route | Duration of<br>exposure | Test animals             | Method /<br>Guideline |
|------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------|----------------|-------------------------|--------------------------|-----------------------|
| / 905-588-0                                                                                                                        |                 |                               |                |                         |                          |                       |
| Xylene (reaction<br>mass of ethyl-<br>benzene and<br>xylene)<br>/ 905-588-0                                                        | LC50            | >= 47635 mg/l ;<br>> 5000 ppm | Inhalative     | 4 hours                 | Rat                      | -                     |
| Acetic acid ethyl<br>ester<br>141-78-6 / 205-<br>500-4                                                                             | LD50            | 5620 mg/kg                    | Oral           | -                       | Rat                      | -                     |
| Acetic acid ethyl<br>ester<br>141-78-6 / 205-<br>500-4                                                                             | LD50            | > 18000 mg/kg<br>> 20 ml/kg   | Dermal         | -                       | Oryctolagus<br>cuniculus | -                     |
| Acetic acid ethyl<br>ester<br>141-78-6 / 205-<br>500-4                                                                             | LC50            | LC0 29,3 mg/l air             | Inhalative     | -                       | -                        | -                     |
| Diphenylmethan-<br>4,4-diisocyanat<br>101-68-8 / 202-<br>966-0                                                                     | LD50            | 31600 mg/kg                   | Oral           | -                       | Rat                      | -                     |
| Diphenylmethan-<br>4,4-diisocyanat<br>101-68-8 / 202-<br>966-0                                                                     | LD50            | 9200 mg/kg                    | Oral           | -                       | Rat                      | -                     |
| Diphenylmethan-<br>4,4-diisocyanat<br>101-68-8 / 202-<br>966-0                                                                     | LD50            | > 9400 mg/kg                  | Dermal         | -                       | Oryctolagus<br>cuniculus | OECD 402              |
| Diphenylmethan-<br>4,4-diisocyanat<br>101-68-8 / 202-<br>966-0                                                                     | LC50            | 1,5 mg/l                      | Inhalative     | 4 hours                 | Rat                      | -                     |
| Reaction mass<br>from<br>bis(1,2,2,6,6-<br>pentamethy l-4-<br>piperidyl) seba-<br>cate and methyl<br>1,2,2,6,6-penta-<br>methyl-4- | LD50            | 3230 mg/kg                    | Oral           | -                       | Rat                      | OECD 401              |



TECPO KKD  
Karosserie Klebe-  
und Dichtmasse\_EN

Version number: 1.0  
Issued: 2024-10-09

| Product / Sub-<br>stance name<br>CAS / EC no.                                                                                                                                                | Dose descriptor | Value / Dose | Exposure route | Duration of<br>exposure | Test animals | Method /<br>Guideline |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------|----------------|-------------------------|--------------|-----------------------|
| piperidyl seba-<br>cate<br>1065336-91-5 /<br>915-687-0                                                                                                                                       |                 |              |                |                         |              |                       |
| Reaction mass<br>from<br>bis(1,2,2,6,6-<br>pentamethy l-4-<br>piperidyl) seba-<br>cate and methyl<br>1,2,2,6,6-penta-<br>methyl-4-<br>piperidyl seba-<br>cate<br>1065336-91-5 /<br>915-687-0 | LD50            | > 3170 mg/kg | Dermal         | -                       | Rat          | OECD 402              |

**Skin corrosion/irritation**

Classification is based on the data available for the ingredients.  
Causes mild skin irritation.

**Serious eye damage/irritation**

Based on available data, the classification criteria are not met.

| Product / Sub-<br>stance name<br>CAS / EC no.                  | Result          | Value / Dose | Duration of expos-<br>ure | Species | Method / Guideline |
|----------------------------------------------------------------|-----------------|--------------|---------------------------|---------|--------------------|
| Diphenylmethan-<br>4,4-diisocyanat<br>101-68-8 / 202-966-<br>0 | Not Irritating. | 0,1 ml       | 24 hours                  | Rabbit  | OECD 405           |

**Respiratory or skin sensitisation**

Based on available data, the classification criteria are not met.

| Product / Sub-<br>stance name<br>CAS / EC no.     | Result                                         | Test type | Species    | Method / Guideline | Other |
|---------------------------------------------------|------------------------------------------------|-----------|------------|--------------------|-------|
| Acetic acid ethyl<br>ester<br>141-78-6 / 205-500- | No sensitization<br>reactions were<br>observed | OECD 406  | Guinea Pig | Dermal             | -     |



# TECPO KKD

## Karosserie Klebe- und Dichtmasse\_EN

Version number: 1.0  
Issued: 2024-10-09

| Product / Sub-<br>stance name<br>CAS / EC no.                  | Result      | Test type | Species | Method / Guideline | Other      |
|----------------------------------------------------------------|-------------|-----------|---------|--------------------|------------|
| 4                                                              |             |           |         |                    |            |
| Diphenylmethan-<br>4,4-diisocyanat<br>101-68-8 / 202-966-<br>0 | Sensitizing | -         | Rat     | OECD GD 39         | Inhalative |
| m-tolylidene diisocy-<br>anate<br>26471-62-5 / 247-<br>722-4   | sensitizing | -         | Mouse   | OECD 429           | Dermal     |

**Germ cell mutagenicity**

Based on available data, the classification criteria are not met.

| Product / Substance name<br>CAS / EC no.        | Result    | Species                              | Method / Guideline |
|-------------------------------------------------|-----------|--------------------------------------|--------------------|
| Acetic acid ethyl ester<br>141-78-6 / 205-500-4 | Negative. | in vivo hamsters                     | OECD 474           |
| Acetic acid ethyl ester<br>141-78-6 / 205-500-4 | Negative. | in-vitro Salmonella typh-<br>imurium | OECD 471           |
| Acetic acid ethyl ester<br>141-78-6 / 205-500-4 | Negative. | in-vitro Hamster Ovary               | OECD 473           |

**Carcinogenicity**

Based on available data, the classification criteria are not met.

| Product / Substance name<br>CAS / EC no.                    | Exposure route | Species | Other                         |
|-------------------------------------------------------------|----------------|---------|-------------------------------|
| Diphenylmethan-4,4-diisocy-<br>anat<br>101-68-8 / 202-966-0 | OECD 453       | Rat     | Suspected carcinogenic effect |

**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.



# TECPO KKD

## Karosserie Klebe- und Dichtmasse\_EN

Version number: 1.0  
Issued: 2024-10-09

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**11.2. Information on other hazards**

**Endocrine disrupting properties**

There is no information available.

**Other information**

Diphenylmethane-4,4-diisocyanate  
Carc. 2

m-Tolyldiene diisocyanate  
Carc. 2

### SECTION 12: Ecological information

**12.1. Toxicity**

**Acute fish toxicity**

| Product / Sub-<br>stance name<br>CAS / EC no.                            | Measurement type | Value / Result | Duration of expos-<br>ure | Species                                       | Method / Guideline |
|--------------------------------------------------------------------------|------------------|----------------|---------------------------|-----------------------------------------------|--------------------|
| Xylene (reaction<br>mass of ethylben-<br>zene and xylene)<br>/ 905-588-0 | LC50             | 2,6 mg/l       | 96 hours                  | Onchorhynchus<br>mykiss (Rainbow<br>trout)    | OECD 203           |
| Acetic acid ethyl<br>ester<br>141-78-6 / 205-500-<br>4                   | LC50             | 220 - 250 mg/l | 96 hours                  | Pimephales pro-<br>melas (Fat-head<br>Minnow) | -                  |
| Acetic acid ethyl<br>ester<br>141-78-6 / 205-500-<br>4                   | LC50             | 352 - 500 mg/l | 96 hours                  | Onchorhynchus<br>mykiss (Rainbow<br>trout)    | -                  |
| Acetic acid ethyl<br>ester<br>141-78-6 / 205-500-<br>4                   | LC50             | 484 mg/l       | 96 hours                  | Onchorhynchus<br>mykiss (Rainbow<br>trout)    | -                  |
| Diphenylmethan-<br>4,4-diisocyanat<br>101-68-8 / 202-966-<br>0           | -                | > 1000 mg/l    | -                         | Brachydanio rerio<br>(Zebra Fish)             | -                  |



**TECPO KKD**  
**Karosserie Klebe-**  
**und Dichtmasse\_EN**

Version number: 1.0  
Issued: 2024-10-09

| Product / Sub-<br>stance name<br>CAS / EC no.                                                                                                                                   | Measurement type | Value / Result | Duration of expos-<br>ure | Species                           | Method / Guideline |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------|---------------------------|-----------------------------------|--------------------|
| Reaction mass from<br>bis(1,2,2,6,6-penta-<br>methy l-4-piperidyl)<br>sebacate and<br>methyl 1,2,2,6,6-<br>pentamethyl-4-<br>piperidyl sebacate<br>1065336-91-5 / 915-<br>687-0 | LC50             | 0,9 mg/l       | 96 hours                  | Brachydanio rerio<br>(Zebra Fish) | OECD 203           |

**Acute algae toxicity**

| Product / Sub-<br>stance name<br>CAS / EC no.                                                                                                                                   | Measurement type | Value / Result | Duration of expos-<br>ure | Species                        | Method / Guideline |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------|---------------------------|--------------------------------|--------------------|
| Acetic acid ethyl<br>ester<br>141-78-6 / 205-500-<br>4                                                                                                                          | EC50             | 3300 mg/l      | 48 hours                  | Desmodesmus sub-<br>spicatus   | -                  |
| Diphenylmethan-<br>4,4-diisocyanat<br>101-68-8 / 202-966-<br>0                                                                                                                  | ErC50            | > 1640 mg/l    | 72 hours                  | Scenedesmus sub-<br>spicatus   | OECD 201           |
| Reaction mass from<br>bis(1,2,2,6,6-penta-<br>methy l-4-piperidyl)<br>sebacate and<br>methyl 1,2,2,6,6-<br>pentamethyl-4-<br>piperidyl sebacate<br>1065336-91-5 / 915-<br>687-0 | EC50             | 1,68 mg/l      | 72 hours                  | Desmodesmus sub-<br>spicatus   | OECD 201           |
| Xylene (reaction<br>mass of ethylben-<br>zene and xylene)<br>/ 905-588-0                                                                                                        | EC50             | 2,2 mg/l       | 72 hours                  | Selenastrum capri-<br>cornutum | -                  |

**Acute crustacean toxicity**



# TECPO KKD

## Karosserie Klebe- und Dichtmasse\_EN

Version number: 1.0  
Issued: 2024-10-09

| Product / Sub-<br>stance name<br>CAS / EC no.                    | Measurement type | Value / Result | Duration of expos-<br>ure | Species       | Method / Guideline |
|------------------------------------------------------------------|------------------|----------------|---------------------------|---------------|--------------------|
| Xylene (reaction mass of ethylbenzene and xylene)<br>/ 905-588-0 | LC50             | 1 mg/l         | 24 hours                  | Daphnia magna | OECD 202           |
| Acetic acid ethyl ester<br>141-78-6 / 205-500-4                  | EC50             | 560 mg/l       | 48 hours                  | Daphnia magna | -                  |
| Diphenylmethan-4,4-diisocyanat<br>101-68-8 / 202-966-0           | EC50             | > 1000 mg/l    | 24 hours                  | Daphnia magna | -                  |

**Micro-/macro organism toxicity**

| Product / Substance<br>name<br>CAS / EC no.                                                                                                          | Measurement type | Value / Result | Duration of exposure | Method / Guideline |
|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------|----------------------|--------------------|
| Xylene (reaction mass of ethylbenzene and xylene)<br>/ 905-588-0                                                                                     | EC50             | 0,0084 mg/l    | 24 hours             | -                  |
| Acetic acid ethyl ester<br>141-78-6 / 205-500-4                                                                                                      | EC50             | 1500 mg/l      | 15 min               | -                  |
| Acetic acid ethyl ester<br>141-78-6 / 205-500-4                                                                                                      | EC50             | 1180 mg/l      | 5 min                | -                  |
| Acetic acid ethyl ester<br>141-78-6 / 205-500-4                                                                                                      | EC50             | 5870 mg/l      | 15 min               | -                  |
| Acetic acid ethyl ester<br>141-78-6 / 205-500-4                                                                                                      | EC50             | 7400 mg/l      | 2 hours              | -                  |
| Reaction mass from bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate<br>1065336-91-5 / 915-687-0 | EC20             | >=100 mg/l     | 3 hours              | OECD 209           |



# TECPO KKD

## Karosserie Klebe- und Dichtmasse\_EN

Version number: 1.0  
Issued: 2024-10-09

### 12.2. Persistence and degradability

#### Persistence and degradability

There is no information available.

| Product / Substance name<br>CAS / EC no.               | Type of test | Duration | Result                         | Remark               |
|--------------------------------------------------------|--------------|----------|--------------------------------|----------------------|
| Aromatic polyisocyanate<br>53317-61-6 / 500-120-8      | OECD 301F    | -        | 34 % Not readily biodegradable | Biodegradability     |
| Diphenylmethan-4,4-diisocyanat<br>101-68-8 / 202-966-0 | OECD 302C    | 28 days  | Not readily biodegradable      | 0 % Biodegradability |

### 12.3. Bioaccumulative potential

#### Bioaccumulative potential

| Product / Substance name<br>CAS / EC no.                                                                                                             | LogKow / LogPow |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Xylene (reaction mass of ethylbenzene and xylene)<br>/ 905-588-0                                                                                     | 3,15            |
| Acetic acid ethyl ester<br>141-78-6 / 205-500-4                                                                                                      | 0,73            |
| Diphenylmethan-4,4-diisocyanat<br>101-68-8 / 202-966-0                                                                                               | 4,51            |
| Reaction mass from bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate<br>1065336-91-5 / 915-687-0 | 2,77            |
| m-tolylidene diisocyanate<br>26471-62-5 / 247-722-4                                                                                                  | 3,43            |

### 12.4. Mobility in soil

#### Mobility

There is no information available.

### 12.5. Results of PBT and vPvB assessment

#### Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

| Product / Substance name<br>CAS / EC no.          | PBT / vPvB                                       |
|---------------------------------------------------|--------------------------------------------------|
| Xylene (reaction mass of ethylbenzene and xylene) | This substance is not classified as PBT or vPvB. |



# TECPO KKD

## Karosserie Klebe- und Dichtmasse\_EN

Version number: 1.0  
Issued: 2024-10-09

| Product / Substance name<br>CAS / EC no.                                                                                                                     | PBT / vPvB                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| / 905-588-0                                                                                                                                                  |                                                           |
| Acetic acid ethyl ester<br>141-78-6 / 205-500-4                                                                                                              | This substance is not classified as PBT or vPvB.          |
| Diphenylmethan-4,4-diisocyanat<br>101-68-8 / 202-966-0                                                                                                       | This product does not contain any PBT or vPvB substances. |
| Reaction mass from bis(1,2,2,6,6-pentamethyl-4-piperidyl)<br>sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl seba-<br>cate<br>1065336-91-5 / 915-687-0 | This product does not contain any PBT or vPvB substances. |
| m-tolylidene diisocyanate<br>26471-62-5 / 247-722-4                                                                                                          | This product does not contain any PBT or vPvB substances. |

### 12.6. Endocrine disrupting properties

There is no information available.

### 12.7. Other adverse effects

#### Other adverse effects

There is no information available.

#### Other

#### German Water Class

WGK2 - significantly water endangering

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal considerations

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental regulations.

#### Packaging

Do not reuse emptied containers.

| Waste code | Waste description                                                   |
|------------|---------------------------------------------------------------------|
| 08 04 10   | waste adhesives and sealants other than those mentioned in 08 04 09 |

Please note - an asterisk (\*) next to a code denotes that it is HAZARDOUS WASTE.

#### Other

Waste codes must be assigned by the user based on the application for which the product was used.



# TECPO KKD

## Karosserie Klebe- und Dichtmasse\_EN

Version number: 1.0

Issued: 2024-10-09

### SECTION 14: Transport information

#### 14.1. UN number

No dangerous goods in the sense of these transport regulations.

#### 14.2. UN proper shipping name

ADR / RID / ADN proper shipping name

No dangerous goods in the sense of these transport regulations.

#### 14.3. Transport hazard class(es)

Label

No dangerous goods in the sense of these transport regulations.

ADR / RID Class

No dangerous goods in the sense of these transport regulations.

ADR / RID Classification code

No dangerous goods in the sense of these transport regulations.

ADR / RID hazard identification number

No dangerous goods in the sense of these transport regulations.

IMDG Class

No dangerous goods in the sense of these transport regulations.

#### 14.4. Packing group

No dangerous goods in the sense of these transport regulations.

#### 14.5. Environmental hazards

No.

IMDG Marine Pollutant

No.

#### 14.6. Special precautions for user

No data available.

#### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable.



# TECPO KKD

## Karosserie Klebe- und Dichtmasse\_EN

Version number: 1.0

Issued: 2024-10-09

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

##### EU regulations

SVHC: Substance of Very High Concern for authorization:

This product does not contain substances of very high concern (SVHC) on the candidate list in a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Annex XVII (REACH): The product is subject to the following restrictions according to Annex XVII, Regulation (EC) 1907/2006 (REACH): 74

Diisocyanates

If the product supplied to industrial or professional users contains  $\geq 0.1\%$  monomeric diisocyanates, the corresponding packaging must state "From August 24, 2023, appropriate training must be provided prior to industrial or professional use"

Substance subject to authorization according to REACH, Annex XIV

This product does not contain any substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

Regulation on ozone-depleting substances (EC) No. 1005/2009

Not applicable.

Persistent organic pollutants

Not applicable.

##### National regulations

Ordinance on Industrial Safety and Health (BetrSichV, Germany):

No flammable liquid according to BetrSichV

Water hazard classification : 2 - clearly hazardous to water

Storage class according to TRGS 510: 11 - Combustible solids

VOC (%): 5,9

TA Air:

Diphenylmethan-4,4-diisocyanat

Class I

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.



# TECPO KKD

## Karosserie Klebe- und Dichtmasse\_EN

Version number: 1.0

Issued: 2024-10-09

### SECTION 16: Other information

#### Abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road  
AGW - Occupational Exposure Limit (Arbeitsplatzgrenzwert)  
ATE - Acute Toxicity Estimate  
AwSV - Ordinance on Installations for Handling Substances Hazardous to Water  
C&L - Einstufung und Kennzeichnung  
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008  
CMR - Carcinogen, Mutagen, or Reproductive Toxicant  
CSR - Chemical Safety Report  
DNEL - Derived No Effect Level  
ECHA - European Chemicals Agency  
GefStoffV - Hazardous Substances Ordinance (Gefahrstoffverordnung)  
GHS - Globally Harmonized System  
IMDG - International Maritime Dangerous Goods  
International Air Transport Association  
IUCLID - International Uniform Chemical Information Database  
Kow - octanol-water partition coefficient  
LC50 - Lethal Concentration to 50 % of a test population  
LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose)  
LGK - Storage Class (Lagerklasse)  
OEL - Occupational Exposure Lim  
PBT - Persistent, Bioaccumulative and Toxic substance  
PNEC - Predicted No Effect Concentration(s)  
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006  
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail  
SCBA - Self-Contained Breathing Apparatus  
STOT - Specific Target Organ Toxicity  
SVHC - Substances of Very High Concern  
TRGS - Technische Regeln für Gefahrstoffe  
UFI - Unique Formula Identifier  
vPvB - Very Persistent and Very Bioaccumulative  
WGK - Water Hazard Class (Wassergefährdungsklasse)



# TECPO KKD

## Karosserie Klebe- und Dichtmasse\_EN

Version number: 1.0

Issued: 2024-10-09

### Phrase meaning

Flam. Liq. 3 - Flammable liquids, hazard category 3  
Asp. Tox. 1 - Aspiration hazard, hazard category 1  
Acute Tox. 4 - dermal - Acute toxicity, dermal, hazard category 4  
Skin Irrit. 2 - Skin irritation, hazard category 2  
Eye Irrit. 2 - Eye irritation, hazard category 2  
Acute Tox. 4 - inhalation - Acute toxicity, inhalation, hazard category 4  
STOT SE 3 - resp. tract irrit. - Specific Target Organ Toxicity — Single exposure, hazard category 3 - respiratory tract irritation  
STOT RE 2 - Specific Target Organ Toxicity — Repeated exposure, hazard category 2  
Skin Sens. 1 - Skin sensitisation, hazard category 1  
Flam. Liq. 2 - Flammable liquids, hazard category 2  
STOT SE 3 - narcosis - Specific Target Organ Toxicity — Single exposure, hazard category 3 - narcosis  
Resp. Sens. 1 - Respiratory sensitisation, hazard category 1  
Carc. 2 - Carcinogenicity, hazard category 2  
Acute Tox. 2 - inhalation - Acute toxicity, inhalation, hazard category 2  
Aquatic Chronic 3 - Hazardous to the aquatic environment — Chronic hazard category 3  
H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful 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.  
H336 May cause drowsiness or dizziness.  
H351 Suspected of causing cancer.  
H361f Suspected of damaging fertility.  
H373 May cause damage to organs .? through prolonged or repeated exposure .?.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.  
EUH066 Repeated exposure may cause skin dryness or cracking.  
EUH204 Contains isocyanates. May produce an allergic reaction.  
EUH208 Contains Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate. May produce an allergic reaction.  
EUH210 Safety data sheet available on request.



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### Other

#### **Additional information**

The information is based on our current state of knowledge, but does not constitute a guarantee of product properties and does not establish a contractual legal relationship. The recipient of our products is responsible for observing existing laws and regulations. The information in this safety data sheet corresponds to the best of our knowledge at the time of printing. The information is intended to provide you with guidelines for the safe handling of the product mentioned in this safety data sheet during storage, processing, transportation and disposal. The information is not transferable to other products. If the product is mixed, blended or processed with other materials processed or subjected to processing, the information in this safety data sheet cannot be transferred to the new material produced in this way, unless expressly stated otherwise.

#### **Manufacturer's notes**

The data of the relevant components were taken from the latest safety data sheet of the upstream supplier.