

Trade name: Binder for stone carpet

Current version : 1.1.0, issued: 07.03.2018

Replaced version: 1.0.0, issued: 11.05.2017

Region: GB

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

1.1 Product identifier

Trade name

Binder for stone carpet

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

Relevant identified uses of the substance or mixture

Binding agent

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

Widopan Produkte GmbH
 Ostereichen 3
 D-21714 Hammah

Telephone no. +49 (0) 4144 69821-0

Fax no. +49 (0) 4144 69821-20

Information provided by / telephone

+49 (0) 4144 69821-0

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Flam. Liq. 3; H226

Skin Irrit. 2; H315

Skin Sens. 1; H317

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

Hazard pictograms



GHS02



GHS07

Signal word

Warning

Hazardous component(s) to be indicated on label:

1,6-hexanediyil-bis(2-(2-(1-ethylpentyl)-3-oxazolidinyl)ethyl)carbamate

Hazard statement(s)

H226

Flammable liquid and vapour.

H315

Causes skin irritation.

H317

May cause an allergic skin reaction.

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Precautionary statement(s)

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P261 Avoid breathing vapours/spray.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P370+P378 In case of fire: Use water spray, carbon dioxide, dry chemical or foam to extinguish.
 P501 Dispose of contents/container to a facility in accordance with local and national regulations.

2.3 Other hazards

No data available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Chemical characterization

preparation

Hazardous ingredients

| No | Substance name | | Additional information | |
|----|--|---|------------------------|--------|
| | CAS / EC / Index / REACH no | Classification (EC) 1272/2008 (CLP) | Concentration | |
| 1 | xylene | | | |
| | 1330-20-7 215-535-7 601-022-00-9 - | Acute Tox. 4*; H312 Acute Tox. 4*; H332 Flam. Liq. 3; H226 Skin Irrit. 2; H315 | > 10.00 - < 30.00 | %-b.w. |
| 2 | 1,6-hexanediy-bis(2-(2-(1-ethylpentyl)-3-oxazolidinyl)ethyl)carbamate | | | |
| | 140921-24-0 411-700-4 616-079-00-5 - | Skin Sens. 1; H317 | > 10.00 - < 30.00 | %-b.w. |

Full Text for all H-phrases and EUH-phrases: pls. see section 16

(*, **, ***, ****) Detailed explanation pls. refer to CLP regulation No. 1272/2008, annex VI, 1.2

| No | Note | Specific concentration limits | M-factor (acute) | M-factor (chronic) |
|----|------|-------------------------------|------------------|--------------------|
| 1 | C | - | - | - |

Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. If the patient is likely to become unconscious, place and transport in stable sideways position.

After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air. Irregular breathing/no breathing: artificial respiration. Call a doctor immediately.

After skin contact

Wash off immediately with soap and water. Don't use solvents.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Seek medical assistance.

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After ingestion

Do not induce vomiting. Call a doctor immediately. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Foam; Extinguishing powder; Water spray jet; Carbon dioxide

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO₂); Carbon monoxide (CO)

5.3 Advice for firefighters

Use self-contained breathing apparatus. Cool endangered containers with water spray jet. Suppress gases/vapours/mists with water spray jet. Wear protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Keep away sources of ignition.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal.

6.4 Reference to other sections

No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Provide good ventilation at the work area (local exhaust ventilation, if necessary). If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be worn. Product inherent handling risks must be minimised taking the appropriate measures for protection and preventive actions. The working process should be designed to rule out the release of hazardous substances or skin contact as far it is possible by the state of the art.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Do not inhale vapours. Wash hands before breaks and after work. Provide eye wash fountain in work area. Have emergency shower available.

Advice on protection against fire and explosion

Vapours can form an explosive mixture with air. Take precautionary measures against static charges. Keep away from sources of heat and ignition.

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7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

Advice on storage assembly

Do not store together with: Oxidizing agents

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

| No | Substance name | CAS no. | EC no. | | |
|---|-----------------------------------|-----------|-------------------|-----|-------------------|
| 1 | xylene | 1330-20-7 | 215-535-7 | | |
| List of approved workplace exposure limits (WELs) / EH40 | | | | | |
| Xylene, o-, m-, p- or mixed isomers | | | | | |
| | STEL | 441 | mg/m ³ | 100 | ml/m ³ |
| | TWA | 220 | mg/m ³ | 50 | ml/m ³ |
| | Skin resorption / sensibilisation | Sk | | | |
| 2000/39/E 2000/39/EC | | | | | |
| Xylene, mixed isomers, pure | | | | | |
| | STEL | 442 | mg/m ³ | 100 | ppm |
| | TWA | 221 | mg/m ³ | 50 | ppm |
| | Skin resorption / sensibilisation | Skin | | | |

8.2 Exposure controls

Appropriate engineering controls

No data available.

Personal protective equipment

Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Eye / face protection

Safety glasses with side protection shield (EN 166)

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Other

Normal chemical work clothing.

Environmental exposure controls

No data available.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|--|-------------------------------|
| Form/Colour | |
| liquid | |
| transparent | |
| Odour | |
| characteristic | |
| Odour threshold | |
| No data available | |
| pH value | |
| No data available | |
| Boiling point / boiling range | |
| No data available | |
| Melting point / melting range | |
| No data available | |
| Decomposition point / decomposition range | |
| No data available | |
| Flash point | |
| Value | 30 °C |
| Auto-ignition temperature | |
| No data available | |
| Oxidising properties | |
| No data available | |
| Explosive properties | |
| No data available | |
| Flammability (solid, gas) | |
| No data available | |
| Lower flammability or explosive limits | |
| No data available | |
| Upper flammability or explosive limits | |
| No data available | |
| Vapour pressure | |
| No data available | |
| Vapour density | |
| No data available | |
| Evaporation rate | |
| No data available | |
| Relative density | |
| No data available | |
| Density | |
| Value | 0.98 - 1.00 g/cm ³ |
| Solubility in water | |
| Remarks | insoluble |

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| | |
|---|-----------------|
| Solubility(ies) | |
| No data available | |
| Partition coefficient: n-octanol/water | |
| No data available | |
| Viscosity | |
| Value | 650 - 850 mPa*s |
| Reference temperature | 20 °C |

9.2 Other information

| |
|--------------------------|
| Other information |
| No data available. |

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

No data available.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

None, if handled according to intended use.

10.5 Incompatible materials

strong acids; strong bases

10.6 Hazardous decomposition products

Flammable gases/vapours

SECTION 11: Toxicological information

11.1 Information on toxicological effects

| | |
|----------------------------|--|
| Acute oral toxicity | |
| No data available | |

| Acute dermal toxicity (result of the ATE calculation for the mixture) | |
|--|---|
| No | Product Name |
| 1 | Binder for stone carpet |
| Remarks | The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE dermal > 2000 mg/kg). |

| | |
|------------------------------|--|
| Acute dermal toxicity | |
| No data available | |

| Acute inhalational toxicity (result of the ATE calculation for the mixture) | |
|--|--|
| No | Product Name |
| 1 | Binder for stone carpet |
| Remarks | The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE for inhalation: > 20.000 ppmV (gases), > 20 mg/l (vapours), > 5 mg/l (dusts/mists)). |

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| Acute inhalational toxicity | | | |
|---|----------------|---|-----------|
| No data available | | | |
| Skin corrosion/irritation | | | |
| No data available | | | |
| Serious eye damage/irritation | | | |
| No data available | | | |
| Respiratory or skin sensitisation | | | |
| No data available | | | |
| Germ cell mutagenicity | | | |
| No | Substance name | CAS no. | EC no. |
| 1 | xylene | 1330-20-7 | 215-535-7 |
| Source | | ECHA | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |
| Reproduction toxicity | | | |
| No | Substance name | CAS no. | EC no. |
| 1 | xylene | 1330-20-7 | 215-535-7 |
| Source | | ECHA | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |
| Carcinogenicity | | | |
| No | Substance name | CAS no. | EC no. |
| 1 | xylene | 1330-20-7 | 215-535-7 |
| Source | | ECHA | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |
| STOT - single exposure | | | |
| No data available | | | |
| STOT - repeated exposure | | | |
| No | Substance name | CAS no. | EC no. |
| 1 | xylene | 1330-20-7 | 215-535-7 |
| Source | | ECHA | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |
| Aspiration hazard | | | |
| No data available | | | |
| Delayed and immediate effects as well as chronic effects from short and long-term exposure | | | |
| Inhalation of vapours may lead to headache, drowsiness and dizziness. Inhalation of vapours in higher concentration may lead to irritation of eyes, nose and respiratory tract. Repeated and prolonged skin contact may cause removal of natural fat from the skin and irritation of the skin. Eye contact with the product may lead to irritation. | | | |

SECTION 12: Ecological information

12.1 Toxicity

| Toxicity to fish (acute) | | | |
|---------------------------------|----------------|---------------------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | xylene | 1330-20-7 | 215-535-7 |
| LC50 | | 2.6 | mg/l |
| Duration of exposure | | 96 | h |
| Species | | Oncorhynchus mykiss | |
| Method | | OECD 203 | |
| Source | | ECHA | |

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| Toxicity to fish (chronic) | |
|----------------------------|--|
| No data available | |

| Toxicity to Daphnia (acute) | |
|-----------------------------|--|
| No data available | |

| Toxicity to Daphnia (chronic) | | | |
|-------------------------------|----------------|---------------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | xylene | 1330-20-7 | 215-535-7 |
| NOEC | | 1.17 | mg/l |
| Duration of exposure | | 7 | day(s) |
| Species | | Daphnia magna | |
| Source | | ECHA | |

| Toxicity to algae (acute) | |
|---------------------------|--|
| No data available | |

| Toxicity to algae (chronic) | |
|-----------------------------|--|
| No data available | |

| Bacteria toxicity | | | |
|----------------------|----------------|------------------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | xylene | 1330-20-7 | 215-535-7 |
| IC50 | | > | 157 mg/l |
| Duration of exposure | | 3 | h |
| Species | | activated sludge | |
| Method | | OECD 209 | |
| Source | | ECHA | |

12.2 Persistence and degradability

| Biodegradability | | | |
|------------------|----------------|------------------------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | xylene | 1330-20-7 | 215-535-7 |
| Type | | aerobic biodegradation | |
| Value | | 87.8 | % |
| Duration | | 28 | day(s) |
| Method | | OECD 301 F | |
| Source | | ECHA | |
| Evaluation | | readily biodegradable | |

12.3 Bioaccumulative potential

| Bioconcentration factor (BCF) | | | |
|-------------------------------|----------------|---------------------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | xylene | 1330-20-7 | 215-535-7 |
| BCF | | < | 25.9 |
| Species | | Oncorhynchus mykiss | |
| Source | | ECHA | |

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

No data available.

12.7 Other information

| Other information | |
|--|--|
| Do not discharge product unmonitored into the environment. | |

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

| | |
|---------------------------|------------------|
| Class | 3 |
| Classification code | F1 |
| Packing group | III |
| Hazard identification no. | 30 |
| UN number | UN1139 |
| Proper shipping name | COATING SOLUTION |
| Tunnel restriction code | D/E |
| Label | 3 |

14.2 Transport IMDG

| | |
|----------------------|------------------|
| Class | 3 |
| Packing group | III |
| UN number | UN1139 |
| Proper shipping name | COATING SOLUTION |
| EmS | F-E, S-E |
| Label | 3 |

14.3 Transport ICAO-TI / IATA

| | |
|----------------------|------------------|
| Class | 3 |
| Packing group | III |
| UN number | UN1139 |
| Proper shipping name | Coating solution |
| Label | 3 |

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not relevant

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SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES

| | |
|---|----------|
| The product is considered being subject to REACH regulation (EC) 1907/2006 annexe XVII. | No 3, 40 |
|---|----------|

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

15.2 Chemical safety assessment

No data available.

SECTION 16: Other information

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

| | |
|------|-------------------------------|
| H312 | Harmful in contact with skin. |
| H332 | Harmful if inhaled. |

Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)

| | |
|---|--|
| C | Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers. |
|---|--|

Department issuing safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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