

Safety Data Sheet

according to Regulation (EC) No 1907/2006

WP UNIFLEX PU

Revision date: 20.06.2023

Product code: 50911_50930_50940

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

1.1. Product identifier

WP UNIFLEX PU

UFI: N2JV-D9DM-S00N-NVGH

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

Use of the substance/mixture

Adhesives and sealants

1.3. Details of the supplier of the safety data sheet

Company name: Werkstatt-Produkte GmbH
Street: Hahnerberger Str. 175
Place: 42349 Wuppertal
Telephone: +49 (0) 202 - 495839-0 Telefax: +49 (0) 202 - 495839-10
e-mail: info@werkstatt-produkte.de
Internet: www.werkstatt-produkte.de

1.4. Emergency telephone number: +49 (0) 89-19240 (24h) (deutsch und englisch)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Resp. Sens. 1; H334
Skin Sens. 1; H317

Full text of hazard statements: see SECTION 16.

In case of eye contact: Analogous classification: slightly irritant but not relevant for classification. (Test was carried out with a similar mixture.)

2.2. Label elements

Regulation (EC) No 1272/2008

Hazard components for labelling

4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate
Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate

Signal word: Danger

Pictograms:



Hazard statements

H317 May cause an allergic skin reaction.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P284 Wear respiratory protection.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor.
P501 Dispose of contents/container to an appropriate recycling or disposal facility.

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Special labelling of certain mixtures

| | |
|--------|---|
| EUH204 | Contains isocyanates. May produce an allergic reaction. |
| EUH212 | Warning! Hazardous respirable dust may be formed when used. Do not breathe dust. As from 24 August 2023 adequate training is required before industrial or professional use. |

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII. People who suffer from skin sensitization problems, asthma, allergies, chronic or recurring respiratory illnesses should not be deployed in any process using this mixture. Persons already sensitised to diisocyanates may develop allergic reactions when using this product. This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

| CAS No | Chemical name | Quantity |
|--------------|---|------------------|
| | EC No | Index No |
| | REACH No | |
| | Classification (Regulation (EC) No 1272/2008) | |
| | reaction mass of ethylbenzene and xylene | 3 - 8 % |
| | 905-588-0 | 01-2119539452-40 |
| | Flam. Liq. 3, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3, STOT RE 2, Asp. Tox. 1; H226 H332 H312 H315 H319 H335 H373 H304 | |
| 13463-67-7 | titanium dioxide | < 5 % |
| | 236-675-5 | 01-2119489379-17 |
| | | |
| 1305-78-8 | Calcium Oxide | < 5 % |
| | 215-138-9 | 01-2119475325-36 |
| | Skin Irrit. 2, Eye Dam. 1, STOT SE 3; H315 H318 H335 | |
| | Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | 0,5 - < 2 % |
| | 926-141-6 | 01-2119456620-43 |
| | Asp. Tox. 1; H304 EUH066 | |
| 1308-38-9 | Chromium (III) oxide | < 2 % |
| | 215-160-9 | |
| | | |
| 101-68-8 | 4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate | 0,1 - < 1 % |
| | 202-966-0 | 615-005-00-9 |
| | 01-2119457014-47 | |
| | Carc. 2, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, Skin Sens. 1, STOT SE 3, STOT RE 2; H351 H332 H315 H319 H334 H317 H335 H373 | |
| 1065336-91-5 | Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate | < 0,15 % |
| | 915-687-0 | 01-2119491304-40 |
| | Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H317 H400 H410 | |

Full text of H and EUH statements: see section 16.

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Specific Conc. Limits, M-factors and ATE

| CAS No | EC No | Chemical name | Quantity |
|--------------|-----------|---|-------------|
| | | Specific Conc. Limits, M-factors and ATE | |
| | 905-588-0 | reaction mass of ethylbenzene and xylene | 3 - 8 % |
| | | inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: ATE = 1100 mg/kg; oral: LD50 = 3523 - 4000 mg/kg | |
| 13463-67-7 | 236-675-5 | titanium dioxide | < 5 % |
| | | inhalation: LC50 = > 6,8 mg/l (dusts or mists); oral: LD50 = > 10000 mg/kg | |
| 1305-78-8 | 215-138-9 | Calcium Oxide | < 5 % |
| | | inhalation: LC50 = > 6,04 mg/l (dusts or mists); oral: LD50 = > 2000 mg/kg | |
| 101-68-8 | 202-966-0 | 4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate | 0,1 - < 1 % |
| | | inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 = > 9400 mg/kg; oral: LD50 = > 2000 mg/kg Skin Irrit. 2; H315: >= 5 - 100 Eye Irrit. 2; H319: >= 5 - 100 Resp. Sens. 1; H334: >= 0,1 - 100 STOT SE 3; H335: >= 5 - 100 | |
| 1065336-91-5 | 915-687-0 | Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate | < 0,15 % |
| | | dermal: LD50 = 3170 mg/kg; oral: LD50 = 3230 mg/kg Aquatic Acute 1; H400: M=1 Aquatic Chronic 1; H410: M=1 | |

Further Information

titanium dioxide: Particle size: > 10 µm

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

When in doubt or if symptoms are observed, get medical advice. Take off immediately all contaminated clothing and wash it before reuse.

After inhalation

Remove casualty to fresh air and keep warm and at rest. If unconscious but breathing normally, place in recovery position and seek medical advice. If experiencing respiratory symptoms: Call a doctor.

After contact with skin

Take off contaminated clothing and wash it before reuse. Gently wash with plenty of soap and water. In case of skin reactions, consult a physician.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing. Protect uninjured eye.

After ingestion

Rinse mouth thoroughly with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person or a person with cramps. Get medical advice/attention if you feel unwell.

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

Allergic reactions

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam, Carbon dioxide (CO₂), Dry extinguishing powder
 Co-ordinate fire-fighting measures to the fire surroundings.

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Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Pyrolysis products, toxic (Carbon monoxide Carbon dioxide (CO₂), Isocyanates, Hydrogen cyanide (hydrocyanic acid), Nitrogen oxides (NO_x))

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Full protection suit.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Remove all sources of ignition. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes.

For non-emergency personnel

Provide adequate ventilation. Use personal protection equipment.

For emergency responders

Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow uncontrolled discharge of product into the environment.

6.3. Methods and material for containment and cleaning up

For containment

Stop leak if safe to do so. Cover drains.

For cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

Other information

Clean contaminated articles and floor according to the environmental legislation.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

Advice on protection against fire and explosion

Usual measures for fire prevention.

Advice on general occupational hygiene

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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Hints on joint storage

Keep away from: Food and feedingstuffs
 Protect from direct sunlight.
 Do not store together with: Oxidizing agent, Acids

Further information on storage conditions

storage temperature: < 25°C

7.3. Specific end use(s)

Adhesives and sealants

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values

| CAS No | Name of agent | ppm | mg/m ³ | fib/cm ³ | Category | Origin |
|-----------|--|-----|-------------------|---------------------|---------------|--------|
| 1305-78-8 | Calcium oxide (respirable fraction) | - | 1 | | TWA (8 h) | |
| | | - | 4 | | STEL (15 min) | |
| - | Chromium Metal, Inorganic Chromium (II) Compounds and Inorganic Chromium (III) Compounds (insoluble) | - | 2 | | TWA (8 h) | |
| 100-41-4 | Ethylbenzene | 100 | 442 | | TWA (8 h) | |
| | | 200 | 884 | | STEL (15 min) | |
| 1330-20-7 | Xylene, mixed isomers, pure | 50 | 221 | | TWA (8 h) | |
| | | 100 | 442 | | STEL (15 min) | |

DNEL/DMEL values

| CAS No | Name of agent | Exposure route | Effect | Value |
|--------------|--|----------------|----------|-------------------------|
| 1305-78-8 | Calcium Oxide | | | |
| | Worker DNEL, acute | inhalation | local | 4 mg/m ³ |
| | Worker DNEL, long-term | inhalation | local | 1 mg/m ³ |
| | Consumer DNEL, acute | inhalation | local | 4 mg/m ³ |
| | Consumer DNEL, long-term | inhalation | local | 1 mg/m ³ |
| 101-68-8 | 4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate | | | |
| | Worker DNEL, long-term | inhalation | local | 0,05 mg/m ³ |
| | Worker DNEL, acute | inhalation | local | 0,1 mg/m ³ |
| | Consumer DNEL, acute | inhalation | local | 0,05 mg/m ³ |
| | Consumer DNEL, long-term | inhalation | local | 0,025 mg/m ³ |
| 1065336-91-5 | Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate | | | |
| | Worker DNEL, long-term | inhalation | systemic | 0,68 mg/m ³ |
| | Worker DNEL, long-term | dermal | systemic | 0,5 mg/kg bw/day |
| | Consumer DNEL, long-term | inhalation | systemic | 0,17 mg/m ³ |
| | Consumer DNEL, long-term | oral | systemic | 0,05 mg/kg bw/day |
| | Consumer DNEL, long-term | dermal | systemic | 0,25 mg/kg bw/day |

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PNEC values

| CAS No | Name of agent | Value |
|--|--|-------------|
| Environmental compartment | | |
| 1305-78-8 | Calcium Oxide | |
| Freshwater | | 0,37 mg/l |
| Marine water | | 0,24 mg/l |
| Micro-organisms in sewage treatment plants (STP) | | 2,27 mg/l |
| Soil | | 817,4 mg/kg |
| 101-68-8 | 4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate | |
| Freshwater | | 1 mg/l |
| Marine water | | 0,1 mg/l |
| Micro-organisms in sewage treatment plants (STP) | | 1 mg/l |
| Soil | | 1 mg/kg |
| 1065336-91-5 | Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate | |
| Freshwater | | 0,002 mg/l |
| Marine water | | 0 mg/l |
| Freshwater sediment | | 1,05 mg/kg |
| Marine sediment | | 0,11 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 1 mg/l |
| Soil | | 0,21 mg/kg |

8.2. Exposure controls



Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye/face protection. (EN 166)

Hand protection

Wear suitable gloves. (EN ISO 374)

By long-term hand contact

Suitable material: PVA (Polyvinyl alcohol)

Thickness of the glove material: > 0,5mm

Permeation time (maximum wear duration): > 480 min.

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Wear suitable protective clothing.

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Respiratory protection

In case of inadequate ventilation wear respiratory protection. (EN 14387) Filter type: AB

Thermal hazards

No information available.

Environmental exposure controls

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|------------------------|
| Physical state: | solid (Paste) |
| Colour: | diverse |
| Odour: | characteristic |
| Odour threshold: | not determined |
| Melting point/freezing point: | not determined |
| Boiling point or initial boiling point and boiling range: | 137 °C |
| Flammability: | Non-flammable. |
| Lower explosion limits: | 0,6 vol. % |
| Upper explosion limits: | 7 vol. % |
| Flash point: | > 75 °C |
| Auto-ignition temperature: | > 200 °C |
| Decomposition temperature: | not determined |
| pH-Value: | not determined |
| Viscosity / kinematic: | not determined |
| Water solubility: | Immiscible |
| Solubility in other solvents | not determined |
| Partition coefficient n-octanol/water: | not determined |
| Vapour pressure: | not determined |
| Density (at 20 °C): | 1,17 g/cm ³ |
| Relative vapour density: | not determined |
| Particle characteristics: | not determined |

9.2. Other information

Information with regard to physical hazard classes

Sustaining combustion: Not sustaining combustion

Further Information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

Reaction with: Alcohols, Amines, Acids, alkalines.

Water: Formation of: Carbon dioxide (CO₂)

10.4. Conditions to avoid

Protect against: Heat, Frost

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10.5. Incompatible materials

Oxidising agent, strong

10.6. Hazardous decomposition products

 In case of fire may be liberated: Pyrolysis products, toxic (Carbon monoxide Carbon dioxide (CO₂), Isocyanates, Hydrogen cyanide (hydrocyanic acid), Nitrogen oxides (NO_x))

SECTION 11: Toxicological information

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

Acute toxicity

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

ATE_{mix} calculated

ATE (dermal) 22000,0 mg/kg; ATE (inhalation vapour) 220,00 mg/l; ATE (inhalation dust/mist) 30,000 mg/l

| CAS No | Chemical name | | | | |
|--------------|--|------------------------|---------|--------------|----------|
| | Exposure route | Dose | Species | Source | Method |
| | reaction mass of ethylbenzene and xylene | | | | |
| | oral | LD50 3523 - 4000 mg/kg | Rat | Manufacturer | |
| | dermal | ATE 1100 mg/kg | | | |
| | inhalation vapour | ATE 11 mg/l | | | |
| | inhalation dust/mist | ATE 1,5 mg/l | | | |
| 13463-67-7 | titanium dioxide | | | | |
| | oral | LD50 > 10000 mg/kg | Rat | Manufacturer | |
| | inhalation (4 h) dust/mist | LC50 > 6,8 mg/l | Rat | Manufacturer | |
| 1305-78-8 | Calcium Oxide | | | | |
| | oral | LD50 > 2000 mg/kg | Rat | Manufacturer | OECD 425 |
| | inhalation (4 h) dust/mist | LC50 > 6,04 mg/l | Rat | Manufacturer | OECD 436 |
| 101-68-8 | 4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate | | | | |
| | oral | LD50 > 2000 mg/kg | Rat | Manufacturer | |
| | dermal | LD50 > 9400 mg/kg | Rabbit | Manufacturer | OECD 402 |
| | inhalation vapour | ATE 11 mg/l | | | |
| | inhalation dust/mist | ATE 1,5 mg/l | | | |
| 1065336-91-5 | Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate | | | | |
| | oral | LD50 3230 mg/kg | Rat | Manufacturer | OECD 423 |
| | dermal | LD50 3170 mg/kg | Rat | Manufacturer | OECD 402 |

Irritation and corrosivity

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

In case of eye contact The product is: slightly irritant but not relevant for classification. (Test was carried out with a similar mixture.)

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Sensitising effects

Contains isocyanates. May produce an allergic reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled. (4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate)
 May cause an allergic skin reaction. (4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate;
 Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate)

Carcinogenic/mutagenic/toxic effects for reproduction

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.

Aspiration hazard

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

Information on likely routes of exposure

oral, dermal, inhalative, Eye contact

11.2. Information on other hazards

Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

SECTION 12: Ecological information

12.1. Toxicity

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

| CAS No | Chemical name | | | | | |
|--------------|--|---------------|-----------|---------|--------------------------------|--------------------------|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 101-68-8 | 4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate | | | | | |
| | Acute fish toxicity | LC50 mg/l | > 1000 | 96 h | Danio rerio (zebrafish) | Manufacturer OECD 203 |
| | Acute algae toxicity | ErC50 mg/l | > 1640 | | Scenedesmus quadricauda | Manufacturer OECD 201 |
| 1065336-91-5 | Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate | | | | | |
| | Acute fish toxicity | LC50 | 0,9 mg/l | 96 h | Danio rerio (zebrafish) | Manufacturer |
| | Acute algae toxicity | ErC50 | 1,68 mg/l | 72 h | Algae | Manufacturer |
| | Acute crustacea toxicity | EC50 | 1 mg/l | 48 h | Daphnia magna (Big water flea) | Manufacturer |

12.2. Persistence and degradability

No information available.

| CAS No | Chemical name | | | |
|----------|--|-------|----|--------------|
| | Method | Value | d | Source |
| | Evaluation | | | |
| 101-68-8 | 4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate | | | |
| | OECD 302C | 0 % | 28 | Manufacturer |
| | Not readily biodegradable (according to OECD criteria) | | | |

12.3. Bioaccumulative potential

No information available.

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12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

List of Wastes Code - residues/unused products

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

| | |
|--|--|
| <u>14.1. UN number or ID number:</u> | No dangerous good in sense of this transport regulation. |
| <u>14.2. UN proper shipping name:</u> | No dangerous good in sense of this transport regulation. |
| <u>14.3. Transport hazard class(es):</u> | No dangerous good in sense of this transport regulation. |
| <u>14.4. Packing group:</u> | No dangerous good in sense of this transport regulation. |

Inland waterways transport (ADN)

| | |
|--|--|
| <u>14.1. UN number or ID number:</u> | No dangerous good in sense of this transport regulation. |
| <u>14.2. UN proper shipping name:</u> | No dangerous good in sense of this transport regulation. |
| <u>14.3. Transport hazard class(es):</u> | No dangerous good in sense of this transport regulation. |
| <u>14.4. Packing group:</u> | No dangerous good in sense of this transport regulation. |

Marine transport (IMDG)

| | |
|--|--|
| <u>14.1. UN number or ID number:</u> | No dangerous good in sense of this transport regulation. |
| <u>14.2. UN proper shipping name:</u> | No dangerous good in sense of this transport regulation. |
| <u>14.3. Transport hazard class(es):</u> | No dangerous good in sense of this transport regulation. |
| <u>14.4. Packing group:</u> | No dangerous good in sense of this transport regulation. |

Air transport (ICAO-TI/IATA-DGR)

| | |
|---------------------------------------|--|
| <u>14.1. UN number or ID number:</u> | No dangerous good in sense of this transport regulation. |
| <u>14.2. UN proper shipping name:</u> | No dangerous good in sense of this transport regulation. |

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14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No information available.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 56

2010/75/EU (VOC): < 9 %

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water hazard class (D): 2 - obviously hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

SECTION 2: Hazards identification: Additional information (Serious eye damage/eye irritation)

SECTION 3: Composition/information on ingredients: Additional information (titanium dioxide)

SECTION 11: Toxicological information: Additional information (Serious eye damage/eye irritation)

Abbreviations and acronyms

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

UN: United Nations

CAS: Chemical Abstracts Service

DNEL: Derived No Effect Level

DMEL: Derived Minimal Effect Level

PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

LL50: Lethal loading, 50%

EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate

NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic

Safety Data Sheet

according to Regulation (EC) No 1907/2006

WP UNIFLEX PU

Revision date: 20.06.2023

Product code: 50911_50930_50940

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vPvB: very persistent, very bioaccumulative
 MARPOL: International Convention for the Prevention of Marine Pollution from Ships
 IBC: Intermediate Bulk Container
 VOC: Volatile Organic Compounds
 SVHC: Substance of Very High Concern
 ADR: Accord européen sur le transport des marchandises dangereuses par Route
 (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 RID: Regulations concerning the international carriage of dangerous goods by rail
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
 (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation
 intérieures)
 IMDG: International Maritime Code for Dangerous Goods
 EmS: Emergency Schedules
 MFAG: Medical First Aid Guide
 IATA: International Air Transport Association
 ICAO: International Civil Aviation Organization
 For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety
 assessment, chapter R.20 (Table of terms and abbreviations).

Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

| Classification | Classification procedure |
|---------------------|--------------------------|
| Resp. Sens. 1; H334 | Calculation method |
| Skin Sens. 1; H317 | Calculation method |

Relevant H and EUH statements (number and full text)

| | |
|--------|--|
| 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. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| H335 | May cause respiratory irritation. |
| H351 | Suspected of causing cancer. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| EUH204 | Contains isocyanates. May produce an allergic reaction. |
| EUH212 | Warning! Hazardous respirable dust may be formed when used. Do not breathe dust. |

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)