

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 19.10.2021

Version number 5 (replaces version 4)

Revision: 12.10.2021

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

1.1 Product identifier

Trade name **weberdry PUR bitumen**

Safety data sheet no.: XXP015543

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

The product is intended for industrial or professional use.

Application of the substance / the mixture Coating material

Uses advised against Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

SAINT-GOBAIN PORTUGAL S.A.

RUA DA CARREIRA BRANCA, ZONA INDUSTRIAL DE TABOEIRA

3800-055 AVEIRO

Portugal

Tel. +351 234 10 10 10

fds@pt.weber

1.4 Emergency telephone number: 112

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Flam. Liq. 3 H226 Flammable liquid and vapour.



GHS08 health hazard

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

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

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

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

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

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

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Hazard pictograms



GHS02 GHS08

Signal word Danger

Hazard-determining components of labelling:

reaction mass of ethylbenzene and m-xylene and p-xylene
 4,4'-methylenediphenyl diisocyanate
 4,5-dichloro-2-octyl-2H-isothiazol-3-one
 reaction mass of ethylbenzene and xylene
 o-(p-isocyanatobenzyl)phenyl isocyanate
 2,2'-methylenediphenyl diisocyanate
 diphenylmethanediisocyanate, isomeres and homologues

Hazard statements

H226 Flammable liquid and vapour.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 H317 May cause an allergic skin reaction.
 H373 May cause damage to organs through prolonged or repeated exposure.
 H304 May be fatal if swallowed and enters airways.
 H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P260 Do not breathe dust/fume/gas/mist/vapours/spray.
 P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 P331 Do NOT induce vomiting.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

EUH204 Contains isocyanates. May produce an allergic reaction.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Does not contain PBT substances.

vPvB: Does not contain vPvB substances.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture consisting of the following components.

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| Dangerous components: | | |
|--|--|-----------|
| CAS: 8052-42-4 EINECS: 232-490-9 Reg.nr.: 01-2119480172-44-xxxx | Asphalt substance with a Community workplace exposure limit | 10-25% |
| EC number: 905-562-9 Reg.nr.: 01-2119488216-32-xxxx | reaction mass of ethylbenzene and m-xylene and p-xylene ⚠ Flam. Liq. 3, H226; ⚠ STOT RE 2, H373; Asp. Tox. 1, H304; ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335; Aquatic Chronic 3, H412 Specific concentration limit: STOT RE 2; H373: C ≥ 10 % | ≥10-<25% |
| EC number: 905-588-0 Reg.nr.: 01-2119486136-34-xxxx | reaction mass of ethylbenzene and xylene ⚠ Flam. Liq. 3, H226; ⚠ STOT RE 2, H373; Asp. Tox. 1, H304; ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335 Specific concentration limit: STOT RE 2; H373: C ≥ 10 % | ≥2.5-<10% |
| CAS: 101-68-8 EINECS: 202-966-0 Index number: 615-005-00-9 Reg.nr.: 01-2119457014-47-xxxx | 4,4'-methylenediphenyl diisocyanate ⚠ Resp. Sens. 1, H334; Carc. 2, H351; STOT RE 2, H373; ⚠ Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335, EUH204 Specific concentration limits: Skin Irrit. 2; H315: C ≥ 5 % Eye Irrit. 2; H319: C ≥ 5 % Resp. Sens. 1; H334: C ≥ 0.1 % STOT SE 3; H335: C ≥ 5 % | ≥0.1-<1% |

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|---|---|--------------------|
| CAS: 5873-54-1 EINECS: 227-534-9 Index number: 615-005-00-9 Reg.nr.: 01-2119480143-45-xxxx | o-(p-isocyanatobenzyl)phenyl isocyanate ⚠ Resp. Sens. 1, H334; Carc. 2, H351; STOT RE 2, H373; ⚠ Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335, EUH204 Specific concentration limits: Skin Irrit. 2; H315: C ≥ 5 % Eye Irrit. 2; H319: C ≥ 5 % Resp. Sens. 1; H334: C ≥ 0.1 % STOT SE 3; H335: C ≥ 5 % | ≥0.1-<1% |
| CAS: 2536-05-2 EINECS: 219-799-4 Index number: 615-005-00-9 Reg.nr.: 01-2119927323-43-xxxx | 2,2'-methylenediphenyl diisocyanate ⚠ Resp. Sens. 1, H334; Carc. 2, H351; STOT RE 2, H373; ⚠ Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335, EUH204 Specific concentration limits: Skin Irrit. 2; H315: C ≥ 5 % Eye Irrit. 2; H319: C ≥ 5 % Resp. Sens. 1; H334: C ≥ 0.1 % STOT SE 3; H335: C ≥ 5 % | <0.1% |
| CAS: 9016-87-9 EC number: 618-498-9 | diphenylmethanediisocyanate, isomeres and homologues ⚠ Resp. Sens. 1, H334; Carc. 2, H351; STOT RE 2, H373; ⚠ Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335, EUH204 Specific concentration limits: Skin Irrit. 2; H315: C ≥ 5 % Eye Irrit. 2; H319: C ≥ 5 % Resp. Sens. 1; H334: C ≥ 0.1 % STOT SE 3; H335: C ≥ 5 % | <0.1% |
| CAS: 64359-81-5 EINECS: 264-843-8 | 4,5-dichloro-2-octyl-2H-isothiazol-3-one ⚠ Acute Tox. 1, H330; ⚠ Skin Corr. 1, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); ⚠ Acute Tox. 4, H302; Skin Sens. 1A, H317, EUH071 Specific concentration limits: Skin Corr. 1; H314: C ≥ 5 % Skin Irrit. 2; H315: 0.025 % ≤ C < 5 % Eye Dam. 1; H318: C ≥ 3 % Eye Irrit. 2; H319: 0.025 % ≤ C < 3 % Skin Sens. 1A; H317: C ≥ 0.0015 % | ≥0.0025-<0.025% |

SVHC Void

Additional information For the wording of the listed hazard phrases refer to section 16.

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SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Immediately remove any clothing soiled by the product.

Take affected persons out into the fresh air.

Seek immediate medical advice

After inhalation

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

Seek immediate medical advice.

After skin contact

Immediately wash with water and soap and rinse thoroughly.

Seek immediate medical advice.

After eye contact

Rinse opened eye for several minutes under running water. Then consult doctor. Rinse liquid should be tempered (20-30°C).

Seek immediate medical advice.

After swallowing

Do not induce vomiting; call for medical help immediately.

Drink plenty of water and provide fresh air. Call for a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents CO₂, powder or water spray. Fight larger fires with water spray.

For safety reasons unsuitable extinguishing agents Water with full jet

5.2 Special hazards arising from the substance or mixture No further relevant information available.

5.3 Advice for firefighters

Protective equipment:

Wear fully protective suit.

Mouth respiratory protective device.

Additional information

Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Avoid inhalation of vapors.

Avoid contact with skin and eyes.

Keep away from ignition sources

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Ensure adequate ventilation.

6.2 Environmental precautions:

Do not allow to penetrate the ground/soil.

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents.

Absorb liquid components with liquid-binding material.

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents.

Dispose of contaminated material as waste according to item 13.

6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Store in cool, dry place in tightly closed receptacles.

Keep away from heat and direct sunlight.

Avoid contact with skin and eyes.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Protect from heat.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles:

Store only in unopened original receptacles.

Store in a cool location.

Provide ventilation for receptacles.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions:

Protect from heat and direct sunlight.

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well ventilated area.

Keep container tightly sealed.

7.3 Specific end use(s) No further relevant information available.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

| DNELs | | |
|---|-------------------------|--|
| reaction mass of ethylbenzene and m-xylene and p-xylene | | |
| Oral | Derived No Effect Level | 12.5 mg/kgxday (consumer systemic long term value) |
| Dermal | Derived No Effect Level | 212 mg/kgxday (worker systemic long term value) |
| Inhalative | Derived No Effect Level | 125 mg/kgxday (consumer systemic long term value) |
| | | 221 mg/m ³ (worker systemic long term value) |
| | | 442 mg/m ³ (worker systemic short term value) |
| | | 65.3 mg/m ³ (consumer systemic long term value) |
| | | 260 mg/m ³ (consumer systemic short term value) |

| PNECs | |
|---|--|
| reaction mass of ethylbenzene and m-xylene and p-xylene | |
| Predicted No-Effect Concentration | 0.327 mg/l (sea water rating factor) |
| | 0.327 mg/l (fresh water rating factor) |

Ingredients with biological limit values:

| CAS: 101-68-8 4,4'-methylenediphenyl diisocyanate | |
|---|---|
| BGW (Germany) | 10 µg/g Kreatinin Untersuchungsmaterial: Urin Probennahmezeitpunkt: Expositionsende bzw. Schichtende Parameter: 4,4'-Diaminodiphenylmethan |

| CAS No. | Designation of material | % | Type | Value | Unit |
|--|---|---|------|-------|------|
| CAS: 8052-42-4 Asphalt | | | | | |
| MAK (Germany) | Long-term value: 1.5 mg/m ³ Dampf und Aerosol | | | | |
| GV (Denmark) | Long-term value: 1 mg/m ³ | | | | |
| LEP (Spain) | Long-term value: 0.5 mg/m ³ aerosoles solubles en benceno | | | | |
| TWA (Italy) | Long-term value: 0.5 mg/m ³ A4 , IBEp, (i) | | | | |
| VLE (Portugal) | Long-term value: 0.5 mg/m ³ Fração inal.; A4, IBEp; Irritação ocular e do TRS | | | | |
| CAS: 101-68-8 4,4'-methylenediphenyl diisocyanate | | | | | |
| AGW (Germany) | Long-term value: 0.05 E mg/m ³ 1;=2=(I);DFG, 11, 12, H, Sah, Y | | | | |
| GV (Denmark) | Long-term value: 0.05 mg/m ³ , 0.005 ppm K | | | | |
| LEP (Spain) | Long-term value: 0.052 mg/m ³ , 0.005 ppm Sen, r | | | | |

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| | |
|--|---|
| TWA (Italy) | Long-term value: 0.051 mg/m ³ , 0.005 ppm |
| VLE (Portugal) | Long-term value: 0.005 ppm sensibilização respiratória |
| OEL (Sweden) | Short-term value: 0.05 mg/m ³ , 0.005 ppm Long-term value: 0.03 mg/m ³ , 0.002 ppm M, S |
| HTP (Finland) | Short-term value: 0.035 mg/m ³ NCO |
| CAS: 5873-54-1 o-(p-isocyanatobenzyl)phenyl isocyanate | |
| AGW (Germany) | Long-term value: 0.05 mg/m ³ 1;=2=(I);AGS, 11, 12 |
| HTP (Finland) | Short-term value: 0.035 mg/m ³ NCO |
| CAS: 2536-05-2 2,2'-methylenediphenyl diisocyanate | |
| AGW (Germany) | Long-term value: 0.05 mg/m ³ 1;=2=(I);AGS, 11, 12 |
| HTP (Finland) | Short-term value: 0.035 mg/m ³ NCO |
| CAS: 9016-87-9 diphenylmethanediisocyanate, isomeres and homologues | |
| AGW (Germany) | Long-term value: 0.05 E mg/m ³ 1;=2=(I);DFG, H, Sah, Y, 12 |
| LEP (Spain) | Long-term value: 0.05* mg/m ³ *vía dérmica, Sen,*Propuesta de modificación |
| HTP (Finland) | Short-term value: 0.035 mg/m ³ NCO |

8.2 Exposure controls

Appropriate engineering controls No further data; see item 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the eyes and skin.

Do not inhale dust / smoke / mist.

Respiratory protection:

Use suitable respiratory protective device in case of insufficient ventilation.

In case of brief exposure or low pollution use respiratory filter device.

In case of intensive or longer exposure use self-contained respiratory protective device.

Short term filter device:

Combination of charcoal filter and particulate filter A2-P2 (EN 529)

Hand protection

Protective gloves against chemicals (standard EN 374-1)

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The glove material has to be impermeable and resistant to the product/ the substance/ the mixture.
Due to missing tests no recommendation to the glove material can be given for the product/ the mixture/ the chemical mixture.

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

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Butyl rubber, BR

Fluorocarbon rubber (FKM-Viton)

Recommended thickness of the material: ≥ 0.5 (BR); 0.4 (Viton) mm

Recommendation: contaminated gloves should be disposed of.

Penetration time of glove material

The determined breakthrough times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the breakthrough time, is recommended.

For the mixture of chemicals mentioned below the breakthrough time has to be at least 480 minutes (Permeation according to EN 16523-1:2015: Level 6).

Eye/face protection

Tightly sealed goggles

Protective eyewear (standard EN 166)

Body protection:

Chemically resistant protective work clothing (EN 14605)

Boots

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

| | |
|---|------------------------------------|
| Physical state | Fluid |
| Colour: | According to product specification |
| Odour: | Characteristic |
| Odour threshold: | Not determined. |
| Melting point/freezing point: | Undetermined. |
| Boiling point or initial boiling point and boiling range | 130-150 °C (EC No. 905-588-0) |
| Flammability | Not applicable. |
| Lower and upper explosion limit | |
| Lower: | Not determined. |
| Upper: | Not determined. |
| Flash point: | 29 °C (Pensky-Martens) |
| Auto-ignition temperature: | Product is not selfigniting. |
| Decomposition temperature: | Not determined. |
| pH | Not applicable. |

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Viscosity:

Kinematic viscosity at 23 °C >1200 s (ISO 2431/Flow time tISO)
dynamic at 20 °C: >40 mPas

Solubility**Water:**

Not miscible or difficult to mix

Partition coefficient n-octanol/water (log value) Not determined.**Vapour pressure:** Not determined.**Density and/or relative density****Density at 20 °C:** 1.23 g/cm³**Relative density** Not determined.**Bulk density:** Not applicable.**Vapour density** Not determined.**9.2 Other information****Appearance:****Form:** Viscous**Important information on protection of health and environment, and on safety.****Ignition temperature:** Not determined.**Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.**Minimum ignition energy****Solvent separation test:** <1 % (UN Part III/Par. 32.5.1)**EU-VOC (g/L)** 190.0 g/l**Change in condition****Softening point/range****Oxidising properties** Not considered as oxidising.**Evaporation rate** Not determined.**Information with regard to physical hazard classes****Explosives** Void**Flammable gases** Void**Aerosols** Void**Oxidising gases** Void**Gases under pressure** Void**Flammable liquids**

Flammable liquid and vapour.

Flammable solids Void**Self-reactive substances and mixtures** Void**Pyrophoric liquids** Void**Pyrophoric solids** Void**Self-heating substances and mixtures** Void**Substances and mixtures, which emit flammable gases in contact with water** Void**Oxidising liquids** Void**Oxidising solids** Void**Organic peroxides** Void

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| | |
|--------------------------------|------|
| Corrosive to metals | Void |
| Desensitised explosives | Void |

SECTION 10: Stability and reactivity

- 10.1 Reactivity** No further relevant information available.
- 10.2 Chemical stability** Stable at recommended storage conditions
- Thermal decomposition / Conditions to be avoided:** Stable at environment temperature.
- 10.3 Possibility of hazardous reactions** No dangerous reactions known
- 10.4 Conditions to avoid** Avoid heat, sparkles, naked flame or other sources of ignition.
- 10.5 Incompatible materials:** No further relevant information available.
- 10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

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

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

LD/LC50 values relevant for classification:

| Components | Type | Value | Species |
|--|----------|---------------------------|---------|
| Dermal | LD50 | 7,121 mg/kg (Calculation) | |
| CAS: 1317-65-3 limestone | | | |
| Oral | LD50 | >5,000 mg/kg (Rat) | |
| CAS: 8052-42-4 Asphalt | | | |
| Oral | LD50 | >5,000 mg/kg (Rat) | |
| Dermal | LD50 | >2,000 mg/kg (Rabbit) | |
| reaction mass of ethylbenzene and m-xylene and p-xylene | | | |
| Oral | LD50 | >3,523 mg/kg (Rat) | |
| Dermal | LD50 | >12,126 mg/kg (Rabbit) | |
| Inhalative | LC50/4 h | >27 mg/l (Rat) | |
| reaction mass of ethylbenzene and xylene | | | |
| Oral | LD50 | >2,000 mg/kg (Rat) | |
| Dermal | LD50 | >2,000 mg/kg (Rabbit) | |
| Inhalative | LC50/4 h | >20 mg/l (Rat) | |

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation Causes serious eye irritation.

Respiratory or skin sensitisation

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

May cause an allergic skin reaction.

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

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

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

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STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

May be fatal if swallowed and enters airways.

11.2 Information on other hazards

Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: Harmful to aquatic life with long lasting effects.

| Type of test | Effective concentration | Method Assessment |
|--|-------------------------|---------------------------------------|
| CAS: 1317-65-3 limestone | | |
| LC50/96h | >10,000 mg/l | (Oncorhynchus mykiss (Rainbow trout)) |
| EC50/48h | >1,000 mg/l | (Daphnia magna) |
| EC50/72h | >200 mg/l | (Algae) |
| reaction mass of ethylbenzene and m-xylene and p-xylene | | |
| LC50/96h | >2.6 mg/l | (Fish) |
| EC50/24h | 96 mg/l | (Activated sludge) |
| EC50/72h | 4.6-4.9 mg/l | (Algae) |
| NOEC (21d) | 1.57 mg/l | (Daphnia magna) |
| reaction mass of ethylbenzene and xylene | | |
| LC50/96h | 2.6 mg/l | (Fish) |
| EC50/24h | 1 mg/l | (Daphnia magna) |
| EC50/72h | 1.3 mg/l | (Algae) |
| NOEC (21d) | 1.57 mg/l | (Daphnia magna) |
| EC 10 | 1.3 mg/l | (Fish) |

12.2 Persistence and degradability No further relevant information available.

| Method | reaction mass of ethylbenzene and xylene |
|-------------|--|
| Biod. (28d) | 75 % (Biodegradation) |

Behaviour in environmental systems:

Components:

| reaction mass of ethylbenzene and m-xylene and p-xylene | DT50-value (Degradation Half Time) |
|---|------------------------------------|
| | 2 day |

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Does not contain PBT substances.

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vPvB: Does not contain vPvB substances.

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects

Remark: Harmful to fish

Additional ecological information:

General notes:

The product contains materials that are harmful to the environment.

Harmful to aquatic organisms

Do not allow product to reach ground water, water course or sewage system.

Avoid transfer into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Dispose of the product in accordance with national and local regulations.

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

Possible waste code. The concrete waste code depends on the source of the waste.

| | |
|-----------|--|
| 08 04 09* | waste adhesives and sealants containing organic solvents or other hazardous substances |
| HP3 | Flammable |
| HP5 | Specific Target Organ Toxicity (STOT)/Aspiration Toxicity |
| HP14 | Ecotoxic |

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN number or ID number

ADR, IMDG, IATA

UN1866

14.2 UN proper shipping name

ADR

1866 RESIN SOLUTION

IMDG, IATA

RESIN SOLUTION

14.3 Transport hazard class(es)

ADR



Class

3 (F1) Flammable liquids.

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| | |
|---|--|
| Label | 3 |
| IMDG, IATA | |
|  | |
| Class | 3 Flammable liquids. |
| Label | 3 |
| 14.4 Packing group ADR, IMDG, IATA | III |
| 14.5 Environmental hazards: | Not applicable. |
| 14.6 Special precautions for user | Warning: Flammable liquids. |
| Hazard identification number (Kemler code): | 30 |
| EMS Number: | F-E, <u>S-E</u> |
| Stowage Category | A |
| 14.7 Maritime transport in bulk according to IMO instruments | Not applicable. |
| Transport/Additional information: | |
| ADR | |
| Limited quantities (LQ) | 5L |
| Excepted quantities (EQ) | Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml |
| Transport category | 3 |
| Tunnel restriction code | D/E |
| Remarks: | Not subject to ADR Class 3 if packaging ≤ 5L according to ADR 2.2.3.1.5.2 |
| IMDG | |
| Limited quantities (LQ) | 5L |
| Excepted quantities (EQ) | Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml |
| Remarks: | Not subject to IMDG Class 3 if packaging ≤ 5L according to IMDG 2.3.2.5. |
| IATA | |
| Remarks: | Outside ADR/IMDG = UN 1866 - 3 (F1) - RESIN SOLUTION, flammable |
| UN "Model Regulation": | UN 1866 RESIN SOLUTION, 3, III |

EUG

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SECTION 15: Regulatory information

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

Regulation (EC) No 1272/2008 (CLP)

Regulation (EC) No 1907/2006 (REACH) (Candidate List, Annexes XIV and XVII)

Directive 2004/42/CE (VOC), cf. section 9

Labelling according to Regulation (EC) No 1272/2008 cf. section 2

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.**Seveso category** P5c FLAMMABLE LIQUIDS**Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t**Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3, 56a, 56b, 56c, 74

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

National regulations

Other regulations, limitations and prohibitive regulations

BG-Merkblätter: M 044 "Polyurethane production/Isocyanates"**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H330 Fatal if inhaled.

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- 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.
- H412 Harmful to aquatic life with long lasting effects.
- EUH071 Corrosive to the respiratory tract.
- EUH204 Contains isocyanates. May produce an allergic reaction.

Department issuing SDS: Technical Department

Contact: Sara Lacerda, Tel.: +351 234 101 010

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Abbreviations and acronyms:

- ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
- ICAO: International Civil Aviation Organisation
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- DNEL: Derived No-Effect Level (REACH)
- PNEC: Predicted No-Effect Concentration (REACH)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- SVHC: Substances of Very High Concern (REACH regulation)
- vPvB: very Persistent and very Bioaccumulative
- Flam. Liq. 3: Flammable liquids – Category 3
- Acute Tox. 4: Acute toxicity – Category 4
- Acute Tox. 1: Acute toxicity – Category 1
- Skin Corr. 1: Skin corrosion/irritation – Category 1
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- Eye Dam. 1: Serious eye damage/eye irritation – Category 1
- Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
- Resp. Sens. 1: Respiratory sensitisation – Category 1
- Skin Sens. 1: Skin sensitisation – Category 1
- Skin Sens. 1A: Skin sensitisation – Category 1A
- Carc. 2: Carcinogenicity – Category 2
- STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
- STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
- Asp. Tox. 1: Aspiration hazard – Category 1
- Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
- Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
- Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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

According to Annex II of the REACH regulation, the modified sections in this version of the Safety Data Sheet in comparison with the previous one are marked with asterisks.