



TWEHA WOODPROTECT

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 3/1/2016 Revision date: : Jan 10, 2018

Version: 2.2

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

1.1. Product identifier

Product form : Mixture
Product name : Tweha Woodprotect

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

1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial
For professional use only

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

TCB
Stelt 7
NL-5521HA Eersel - HOLLAND
T +31 88 999 81 81
E info@tweha.com

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification

2.1. Composition / Information on ingredients

Classification according to Regulation (EC) No. 1272/2008 (CLP)

Flam. Liq 2 H225
Acute Tox 4 (Dermal) H312
Acute Tox. 4 (Inhalation: dust, mist) H332
Skin Irrit. 2 H315
Eye Irrit. 2 H319
Resp. Sens. 1 H334
Skin Sens. 1 H317
Carc. 2 H351

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC (DSD) or 1994/45/EC (DPD)

Carc. Cat 3; R40
F; R11
Xn; R20/21
R42
Xi; R36
R43

Full text of R-phrases: see section 16

Adverse psychochemical, human health and environmental effects

No additional information available.

2.2. Label elements

Labelling according to Regulation (EC) Hazard pictograms (CLP)



GHS02

GHS07

GHS08

Signal word (CLP)

: Danger

Hazardous ingredients

: aromatic polyisocyanate, m-tolyldiene diisocyanate, toluene-diisocyanate, polymethylenepolyphenylene, Reaction mass of 4,4'-methylenediphenyldiisocyanate and o-(pisocyanatobenzyl)isocyanate, 4,4'-methylenediphenyl diisocyanate, diphenylmethane-4,4'-

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Hazard statements (CLP)	diisocyanate : H225 - Highly flammable liquid and vapour H312+H332 - Harmful in contact with skin or if inhaled H315 - Causes skin irritation H317 - May cause an allergic skin reaction H319 - Causes serious eye irritation H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled H351 - Suspected of causing cancer (if inhaled, in contact with skin)
Precautionary statements (CLP)	: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking P240 - Ground/bond container and receiving equipment P271 - Use only outdoors or in a well-ventilated area P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P370+P378 - In case of fire: Use carbon dioxide (CO ₂), Water spray or fog., extinguishing powder to extinguish

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
2-methoxy-1-methylethyl acetate substance with a Community workplace exposure limit	(CAS No) 108-65-6 (EC no) 203-603-9 (EC index no) 607-195-00-7 (REACH-no) 01-2119475791-29	30,3735 - 49,5735	R10
aromatic polyisocyanate	(CAS No) 53317-61-6	25 - 75	Xi; R36 R43
Xylol ismer mixture	(CAS No) 1330-20-7 (EC no) 215-535-7 (EC index no) 601-022-00-9 (REACH-no) 01-2119488216-32	5 - 10	Xn; R20/21 Xn; R65 Xn; R48/20 Xi; R36/37/38 R10
ethylbenzene	(CAS No) 100-41-4 (EC no) 202-849-4 (EC index no) 601-023-00-4	1 - 5	F; R11 Xn; R20 Xn; R65 Xn; R48/20
polymethylenepolyphenylene	(CAS No) 9016-87-9	0,96 - 1,44	Carc.Cat.3; R40 Xn; R20 Xn; R48/20 R42 Xi; R36/37/38 R43
m-tolylidene diisocyanate, toluene-diisocyanate	(CAS No) 26471-62-5 (EC no) 247-722-4 (EC index no) 615-006-00-4 (REACH-no) 01-2119454791-34	0,0573 - 0,2292	Carc.Cat.3; R40 T+; R26 Xi; R36/37/38 R42 R43 R52/53
Reaction mass of 4,4'-methylenediphenyldiisocyanate and o-(pisocyanatobenzyl)isocyanate	(REACH-no) 01-2119457015-45	0,112 - 0,208	Carc.Cat.3; R40 Xn; R20 Xn; R48/20 R42 Xi; R36/37/38 R43
2-methoxypropyl acetate	(CAS No) 70657-70-4 (EC no) 274-724-2 (EC index no) 607-251-00-0	0 - 0,1152	R10 Repr.Cat.2; R61 Xi; R37
butylated hydroxy toluene	(CAS No) 128-37-0 (EC no) 204-881-4	< 1	N; R50/53

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Name	Product identifier	%	Classification according to Directive 67/548/EEC
4,4'-methylenediphenyl diisocyanate, diphenylmethane-4,4'-diisocyanate	(CAS No) 101-68-8 (EC no) 202-966-0 (EC index no) 615-005-00-9 (REACH-no) 01-2119457014-47	0,048 - 0,112	Carc.Cat.3; R40 Xn; R20 Xn; R48/20 Xi; R36/37/38 R42 R43
Name	Product identifier	Specific concentration limits	
Xylol ismer mixture	(CAS No) 1330-20-7 (EC no) 215-535-7 (EC index no) 601-022-00-9 (REACH-no) 01-2119488216-32	(C >= 12,5) Xn;R20/21	
m-tolylidene diisocyanate, toluene-diisocyanate	(CAS No) 26471-62-5 (EC no) 247-722-4 (EC index no) 615-006-00-4 (REACH-no) 01-2119454791-34	(0,1 <= C < 1) Xn;R20 (0,1 <= C < 1) Xn;R42 (1 <= C < 7) T;R23 (C >= 1) R40 (C >= 1) R42/43 (C >= 7) T+;R26 (C >= 20) R36/37/38 (C >= 25) R52/53	
4,4'-methylenediphenyl diisocyanate, diphenylmethane-4,4'-diisocyanate	(CAS No) 101-68-8 (EC no) 202-966-0 (EC index no) 615-005-00-9 (REACH-no) 01-2119457014-47	(C >= 0,1) R42 (C >= 5) Xi;R36/37/38	
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2-methoxy-1-methylethyl acetate substance with a Community workplace exposure limit	(CAS No) 108-65-6 (EC no) 203-603-9 (EC index no) 607-195-00-7 (REACH-no) 01-2119475791-29	30,3735 - 49,5735	Flam. Liq. 3, H226
aromatic polyisocyanate	(CAS No) 53317-61-6	25 - 75	Eye Irrit. 2, H319 Skin Sens. 1, H317
Xylol ismer mixture	(CAS No) 1330-20-7 (EC no) 215-535-7 (EC index no) 601-022-00-9 (REACH-no) 01-2119488216-32	5 - 10	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304
ethylbenzene	(CAS No) 100-41-4 (EC no) 202-849-4 (EC index no) 601-023-00-4	1 - 5	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 STOT RE 2, H373 Asp. Tox. 1, H304
polymethylenepolyphenylene	(CAS No) 9016-87-9	0,96 - 1,44	Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373
m-tolylidene diisocyanate, toluene-diisocyanate	(CAS No) 26471-62-5 (EC no) 247-722-4 (EC index no) 615-006-00-4 (REACH-no) 01-2119454791-34	0,0573 - 0,2292	Carc. 2, H351 Acute Tox. 2 (Inhalation), H330 Eye Irrit. 2, H319 STOT SE 3, H335 Skin Irrit. 2, H315 Resp. Sens. 1, H334 Skin Sens. 1, H317 Aquatic Chronic 3, H412
Reaction mass of 4,4'-methylenediphenyldiisocyanate and o-(pisocyanatobenzyl)isocyanate	(REACH-no) 01-2119457015-45	0,112 - 0,208	Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373
2-methoxypropyl acetate	(CAS No) 70657-70-4 (EC no) 274-724-2 (EC index no) 607-251-00-0	0 - 0,1152	Flam. Liq. 3, H226 Repr. 1B, H360D STOT SE 3, H335
butylated hydroxy toluene	(CAS No) 128-37-0 (EC no) 204-881-4	< 1	Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
4,4'-methylenediphenyl diisocyanate, diphenylmethane-4,4'-diisocyanate	(CAS No) 101-68-8 (EC no) 202-966-0 (EC index no) 615-005-00-9 (REACH-no) 01-2119457014-47	0,048 - 0,112	Carc. 2, H351 Acute Tox. 4 (Inhalation), H332 STOT RE 2, H373 Eye Irrit. 2, H319 STOT SE 3, H335 Skin Irrit. 2, H315 Resp. Sens. 1, H334 Skin Sens. 1, H317
Name	Product identifier	Specific concentration limits	
m-tolylidene diisocyanate, toluene-diisocyanate	(CAS No) 26471-62-5 (EC no) 247-722-4 (EC index no) 615-006-00-4 (REACH-no) 01-2119454791-34	(C >= 0,1) Resp. Sens. 1, H334	
4,4'-methylenediphenyl diisocyanate, diphenylmethane-4,4'-diisocyanate	(CAS No) 101-68-8 (EC no) 202-966-0 (EC index no) 615-005-00-9 (REACH-no) 01-2119457014-47	(C >= 0,1) Resp. Sens. 1, H334 (C >= 5) Eye Irrit. 2, H319 (C >= 5) Skin Irrit. 2, H315 (C >= 5) STOT SE 3, H335	

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Remove person to fresh air and keep comfortable for breathing, If unconscious place in recovery position and seek medical advice. Call a POISON CENTER or doctor/physician.
- First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Immediately call a POISON CENTER or doctor/physician. Specific measures (see if possible show this sheet, if not available show packaging or label on this label). Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention. Get medical advice/attention. If skin irritation or rash occurs: Wash with plenty of soap and water.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

- Symptoms/injuries after inhalation : Danger of serious damage to health by prolonged exposure through inhalation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.
- Symptoms/injuries after skin contact : Repeated exposure to this material can result in absorption through skin causing significant health hazard. Causes skin irritation.
- Symptoms/injuries after eye contact : Causes serious eye irritation.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Highly flammable liquid and vapour.
- Explosion hazard : May form flammable/explosive vapour-air mixture.

5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.

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6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.
Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.
Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. No open flames. No smoking. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Avoid breathing vapours, gas, mist, fume, spray, dust. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
Hygiene measures : Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof Electrical and electronic tools equipment.
Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Sources of ignition. Keep in fireproof place. Keep container tightly closed.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Xylol ismer mixture (1330-20-7)		
EU	Local name	Xylene, mixed isomers, pure
EU	IOELV TWA (mg/m ³)	221 mg/m ³
EU	IOELV TWA (ppm)	50 ppm
EU	IOELV STEL (mg/m ³)	442 mg/m ³
EU	IOELV STEL (ppm)	100 ppm
EU	Notes	Skin
ethylbenzene (100-41-4)		
EU	Local name	Ethylbenzene
EU	IOELV TWA (mg/m ³)	442 mg/m ³
EU	IOELV TWA (ppm)	100 ppm
EU	IOELV STEL (mg/m ³)	884 mg/m ³
EU	IOELV STEL (ppm)	200 ppm
EU	Notes	Skin
2-methoxy-1-methylethyl acetate (108-65-6)		
EU	Local name	2-Methoxy-1-methylethylacetate
EU	IOELV TWA (mg/m ³)	275 mg/m ³
EU	IOELV TWA (ppm)	50 ppm
EU	IOELV STEL (mg/m ³)	550 mg/m ³
EU	IOELV STEL (ppm)	100 ppm
EU	Notes	Skin

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8.2. Exposure controls

Personal protective equipment	: Avoid all unnecessary exposure.
Hand protection	: Wear protective gloves
Eye protection	: Chemical goggles or safety glasses
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: In case of inadequate ventilation wear respiratory protection
Other information	: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Black
Odour	: characteristic, solvent
Freezing point	: -38 °C
Boiling point	: 140 °C
Flash point	: 35°C
Auto-ignition temperature	: > 460 °C
Water soluble	: Solvent
Lower explosion Limit	: 1.0
Upper explosion limit	: 10.8
Density	: 1.07 g/cm ³
Viscosity	: 250 mPas

9.2. Other information

Gas / vapor heavier than air, may accumulate in confined spaces, particularly in basements, wells, etc.

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Highly flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Dermal: Harmful in contact with skin. Inhalation:dust,mist: Harmful if inhaled.

ATE CLP (dermal)	1100,000 mg/kg bodyweight
ATE CLP (dust,mist)	1,500 mg/l/4h

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aromatic polyisocyanate (53317-61-6)	
LC50 inhalation rat (mg/l)	> 2,462 mg/l/4h
Xylol ismer mixture (1330-20-7)	
LD50 oral rat	> 2000 - 5000 mg/kg
LC50 inhalation rat (Vapours - mg/l/4h)	11 mg/l/4h
ethylbenzene (100-41-4)	
LD50 oral rat	3500 mg/kg
LD50 dermal rabbit	5000 mg/kg
LC50 inhalation rat (ppm)	4000 ppm 4h
2-methoxy-1-methylethyl acetate (108-65-6)	
LD50 oral rat	8532 mg/kg
LD50 dermal rat	> 5000 mg/kg
LC50 inhalation rat (mg/l)	> 23,8 mg/l 6h
m-tolylidene diisocyanate, toluene-diisocyanate (26471-62-5)	
LD50 dermal rat	> mg/kg
LD50 dermal rabbit	> 9400 mg/kg
LC50 inhalation rat (mg/l)	0,47 mg/l 1h
butylated hydroxy toluene (128-37-0)	
LD50 dermal rat	> 5000 mg/kg
polymethylenepolyphenylene (9016-87-9)	
LD50 oral	> 10000 mg/kg
LD50 dermal rabbit	> 9400 mg/kg
LC50 inhalation rat (Dust/Mist - mg/l/4h)	0,49 mg/l/4h
Reaction mass of 4,4'-methylenediphenyldiisocyanate and o-(pisocyanatobenzyl)isocyanate	
LD50 oral rat	> 10000 mg/kg
LD50 dermal rabbit	> 9400 mg/kg
LC50 inhalation rat (Dust/Mist - mg/l/4h)	0,49 mg/l/4h
4,4'-methylenediphenyl diisocyanate, diphenylmethane-4,4'-diisocyanate (101-68-8)	
LD50 oral	> 10000 mg/kg
LD50 dermal rabbit	> 9400 mg/kg
LC50 inhalation rat (Dust/Mist - mg/l/4h)	0,49 mg/l/4h
2-methoxypropyl acetate (70657-70-4)	
LD50 oral rat	8500 mg/kg
LC50 inhalation rat (mg/l)	23,87 mg/l

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	: Not classified Based on available data, the classification criteria are not met
Carcinogenicity	: Suspected of causing cancer (if inhaled, in contact with skin).
Reproductive toxicity	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure)	: Not classified Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified Based on available data, the classification criteria are not met
Potential adverse human health effects and symptoms	: Harmful in contact with skin. Harmful if inhaled.

SECTION 12: Ecological information

12.1. Toxicity

Xylol ismer mixture (1330-20-7)	
LC50 fishes 1	16,9 mg/l 96h
EC50 Daphnia 1	> 1 mg/l 48h
EC50 other aquatic organisms 1	1000 mg/l sludge

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Xylol ismer mixture (1330-20-7)	
ethylbenzene (100-41-4)	
LC50 fishes 1	4,2 mg/l 96h
EC50 Daphnia 1	≈ 1,8 mg/l 48h
ErC50 (algae)	≈ 4,6 mg/l 72h
2-methoxy-1-methylethyl acetate (108-65-6)	
LC50 fishes 1	> 100 mg/l 96h
EC50 Daphnia 1	> 500 mg/l 48h
ErC50 (algae)	> 1000 mg/l 72h
m-tolylidene diisocyanate, toluene-diisocyanate (26471-62-5)	
NOEC (chronic)	1,1 mg/l 21d daphnia
butylated hydroxy toluene (128-37-0)	
NOEC (chronic)	0,31 mg/l 21d daphnia
polymethylenepolyphenylene (9016-87-9)	
LC50 fishes 1	> 1000 mg/l 96h
EC50 Daphnia 1	> 1000 mg/l 24h
EC50 other aquatic organisms 1	> 100 mg/l 3h sludge
NOEC (chronic)	> 10 mg/l 21d daphnia
NOEC chronic algae	1640 mg/l 72h
Reaction mass of 4,4'-methylenediphenyldiisocyanate and o-(pisocyanatobenzyl)isocyanate	
LC50 fishes 1	> 1000 mg/l 96h
EC50 Daphnia 1	> 1000 mg/l 24h
EC50 other aquatic organisms 1	> 100 mg/l 3h sludge
NOEC (chronic)	> 10 mg/l 21d daphnia
4,4'-methylenediphenyl diisocyanate, diphenylmethane-4,4'-diisocyanate (101-68-8)	
LC50 fishes 1	> 1000 mg/l 96h
EC50 Daphnia 1	> 1000 mg/l 24h
NOEC (chronic)	> 10 mg/l 21d daphnia
NOEC chronic algae	1640 mg/l 72h

12.2. Persistence and degradability

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Persistence and degradability	Not established.
Xylol ismer mixture (1330-20-7)	
Biodegradation	> 60 % 28d
ethylbenzene (100-41-4)	
Biodegradation	70 - 80 % 28d
2-methoxy-1-methylethyl acetate (108-65-6)	
Biodegradation	100 % 8d
polymethylenepolyphenylene (9016-87-9)	
Biodegradation	0 % 28d
Reaction mass of 4,4'-methylenediphenyldiisocyanate and o-(pisocyanatobenzyl)isocyanate	
Biodegradation	0 % 28d
4,4'-methylenediphenyl diisocyanate, diphenylmethane-4,4'-diisocyanate (101-68-8)	
Biodegradation	0 % 28d

12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
Reaction mass of 4,4'-methylenediphenyldiisocyanate and o-(pisocyanatobenzyl)isocyanate	
Log Pow	4,51
4,4'-methylenediphenyl diisocyanate, diphenylmethane-4,4'-diisocyanate (101-68-8)	
Log Pow	4,51

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information : Avoid release to the environment

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SECTION 13: Disposal considerations

13.1. Waste treatment methods




Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

Additional information : Handle empty containers with care because residual vapours are flammable.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
1866	1866	1866	1866	1866
14.2. UN proper shipping name				
RESIN SOLUTION	RESIN SOLUTION	Resin solution	RESIN SOLUTION	RESIN SOLUTION
Transport document description				
UN 1866 RESIN SOLUTION (CONTAINS : 2-methoxy-1-methylethyl acetate(108-65-6) CONTAINS ; ethylbenzene(100-41-4)), 3, III, (D/E)	UN 1866 RESIN SOLUTION, 3, III			
14.3. Transport hazard class(es)				
3	3	3	3	3
				
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No

14.6. Special precautions for user

14.6.1. Overland transport

Classification code (ADR) : F1
Special provisions (ADR) : 640E
Limited quantities (ADR) : 5I
Excepted quantities (ADR) : E1
Packing instructions (ADR) : P001, IBC03, LP01, R001
Special packing provisions (ADR) : PP1
Mixed packing provisions (ADR) : MP19
Portable tank and bulk container instructions (ADR) : T2
Portable tank and bulk container special provisions (ADR) : TP1

Tank code (ADR) : LGBF
Vehicle for tank carriage : FL
Transport category (ADR) : 3
Special provisions for carriage - Packages (ADR) : V12
Special provisions for carriage - Operation (ADR) : S2

Hazard identification number (Kemler No.) : 30

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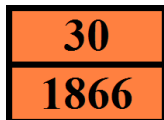
according to Regulation (EC) No. 453/2010

Orange plates

Tunnel restriction code (ADR)

:

: D/E



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EAC code : •3YE

14.6.2. Transport by sea

Special provisions (IMDG) : 223, 955
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : P001, LP01
Special packing provisions (IMDG) : PP1
IBC packing instructions (IMDG) : IBC03
Tank instructions (IMDG) : T2
Tank special provisions (IMDG) : TP1
EmS-No. (Fire) : F-E
EmS-No. (Spillage) : S-E
Stowage category (IMDG) : A
Properties and observations (IMDG) : Miscibility with water depends upon the composition.

14.6.3. Air transport

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y344
PCA limited quantity max net quantity (IATA) : 10L
PCA packing instructions (IATA) : 355
PCA max net quantity (IATA) : 60L
CAO packing instructions (IATA) : 366
CAO max net quantity (IATA) : 220L
Special provisions (IATA) : A3
ERG code (IATA) : 3L

14.6.4. Inland waterway transport

Classification code (ADN) : F1
Special provisions (ADN) : 64E
Limited quantities (ADN) : 5 L
Excepted quantities (ADN) : E1
Equipment required (ADN) : PP, EX, A
Ventilation (ADN) : VE01
Number of blue cones/lights (ADN) : 0
Not subject to ADN : No

14.6.5. Rail transport

Classification code (RID) : F1
Special provisions (RID) : 640E
Limited quantities (RID) : 5L
Excepted quantities (RID) : E1
Packing instructions (RID) : P001, IBC03, LP01, R001
Special packing provisions (RID) : PP1
Mixed packing provisions (RID) : MP19
Portable tank and bulk container instructions (RID) : T2
Portable tank and bulk container special provisions (RID) : TP1

Tank codes for RID tanks (RID) : LGBF
Transport category (RID) : 3
Special provisions for carriage – Packages (RID) : W12

Colis express (express parcels) (RID) : CE4
Hazard identification number (RID) : 30
Carriage prohibited (RID) : No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

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Safety Data Sheet

according to Regulation (EC) No. 453/2010

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions
Tweha Houtprep zwart is not on the REACH Candidate List
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of R-, H- and EUH-phrases:

Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Repr. 1B	Reproductive toxicity, Category 1B
Resp. Sens. 1	Sensitisation — Respiratory, category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Sensitisation — Skin, category 1
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
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
H351	Suspected of causing cancer
H360D	May damage the unborn child
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
R10	Flammable
R11	Highly flammable

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R20	Harmful by inhalation
R20/21	Harmful by inhalation and in contact with skin
R26	Very toxic by inhalation
R36	Irritating to eyes
R36/37/38	Irritating to eyes, respiratory system and skin
R37	Irritating to respiratory system
R40	Limited evidence of a carcinogenic effect
R42	May cause sensitization by inhalation
R43	May cause sensitisation by skin contact
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R61	May cause harm to the unborn child
R65	Harmful: may cause lung damage if swallowed
F	Highly flammable
N	Dangerous for the environment
T+	Very toxic
Xi	Irritant
Xn	Harmful

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product