

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 16.04.2024

Version number 12 (replaces version 11)

Revision: 16.04.2024

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

- 1.1 Product identifier
- Trade name: **TPU30 Polyurethaanverdunner standaard / Thinner 41 / 2K verdunner standaard / 2K Uni Thinner / PU verdunner 083 / Thinner 2K PU**
- Article number: 304101
- UFI: QS60-J0XC-P004-XV8A
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
- Sector of Use
SU3 Industrial uses: use of substances as such or in preparations in an industrial environment
SU22 Professional use: Public domain (administration, education, entertainment, services, craftsmen)
- Application of the substance / the mixture Thinner, Diluent
- Uses advised against SU21 Consumer use: Private households / general public / consumers
- 1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
Inter-Che-M B.V.
Platinawerf 22-26,
6641TL Beuningen
Holland
T +31 (0)24 678 02 20
E sds@interchem.nl
W www.interchem.nl
- Further information obtainable from: Product safety department: sds@interchem.nl
- 1.4 Emergency telephone number:
Intended only to inform doctors in case of accidental poisoning.
National Poisoning Information Centre - Bilthoven
T +31 (0)88 755 8000

* 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.
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GHS08 health hazard

STOT RE 2	H373	May cause damage to the central nervous system, the kidneys and the liver through prolonged or repeated exposure. Route of exposure: Inhalation.
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.
STOT SE 3	H335-H336	May cause respiratory irritation. May cause drowsiness or dizziness.
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 GHS07 GHS08

· Signal word Danger

· Hazard-determining components of labelling:

Reaction mass of ethylbenzene and xylene

n-butyl acetate

2-methoxy-1-methylethyl acetate

· Hazard statements

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

H373 May cause damage to the central nervous system, the kidneys and the liver through prolonged or repeated exposure. Route of exposure: Inhalation.

H304 May be fatal if swallowed and enters airways.

H412 Harmful to aquatic life with long lasting effects.

· Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P284 In case of inadequate ventilation wear respiratory protection.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or 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.

P312 Call a POISON CENTER/doctor if you feel unwell.

· Additional information:

Restricted to professional users.

· 2.3 Other hazards

· Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB: Not applicable.

* SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

· Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous components %(m/m):

CAS: 123-86-4	n-butyl acetate	25-50%
EINECS: 204-658-1	⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336, EUH066	
Reg.nr.: 01-2119485493-29		
EC number: 905-588-0	Reaction mass of ethylbenzene and xylene	25-50%
Reg.nr.: 01-2119488216-32	⚠ Flam. Liq. 3, H226; ⚠ STOT RE 2, H373; Asp. Tox. 1, H304; ⚠ Acute Tox. 4,	
01-2119486136-34	H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335;	
	Aquatic Chronic 3, H412	
CAS: 108-65-6	2-methoxy-1-methylethyl acetate	25-50%
EINECS: 203-603-9	⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336	
Reg.nr.: 01-2119475791-29		
CAS: 108-88-3	toluene	≤0.5%
EINECS: 203-625-9	⚠ Flam. Liq. 2, H225; ⚠ Repr. 2, H361d; STOT RE 2, H373; Asp. Tox. 1, H304;	
Reg.nr.: 01-2119471310-51	⚠ Acute Tox. 4, H332; Skin Irrit. 2, H315; STOT SE 3, H336; Aquatic Chronic 3,	
	H412	

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

SECTION 4: First aid measures

- 4.1 Description of first aid measures
- General information:
Immediately remove any clothing soiled by the product.
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- After inhalation: In case of unconsciousness place patient stably in side position for transportation.
- After skin contact:
Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
- After eye contact:
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
Contact lens removal.
- After swallowing:
Rinse mouth.
Do not induce vomiting; call for medical help 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 or powder. Fight larger fire with alcohol-resistant foam.
- For safety reasons unsuitable extinguishing agents: Water with full jet
- 5.2 Special hazards arising from the substance or mixture Carbon monoxide (CO)
- 5.3 Advice for firefighters
- Protective equipment: Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
Wear protective equipment. Keep unprotected persons away.
- 6.2 Environmental precautions:
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
- 6.3 Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
Collect leaking liquid in sealable waste containers.
- 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 No special precautions are necessary if used correctly.
- Information about fire - and explosion protection:
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

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- 7.2 Conditions for safe storage, including any incompatibilities
- Storage:
 - Requirements to be met by storerooms and receptacles: Store only in the original receptacle.
 - Information about storage in one common storage facility: Store away from oxidising agents.
 - Further information about storage conditions: Keep container tightly sealed.
- Storage class: 3
- 7.3 Specific end use(s) No further relevant information available.

* SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters
- Ingredients with limit values that require monitoring at the workplace:

123-86-4 n-butyl acetate

IOELV Short-term value: 723 mg/m³, 150 ppm
Long-term value: 241 mg/m³, 50 ppm

108-65-6 2-methoxy-1-methylethyl acetate

IOELV Short-term value: 550 mg/m³, 100 ppm
Long-term value: 275 mg/m³, 50 ppm
Skin

108-88-3 toluene

IOELV Short-term value: 384 mg/m³, 100 ppm
Long-term value: 192 mg/m³, 50 ppm
Skin

- DNELs

123-86-4 n-butyl acetate

Dermal	Acute - short-term exposure systemic effects	11 mg/kg bw/day (worker)
Inhalative	Acute - short-term exposure - systemic effects	600 mg/m ³ (worker)
	Acute - short-term exposure - local effects	600 mg/m ³ (worker)
	Long-term exposure - systemic effects	300 mg/m ³ (worker)
	Long-term exposure - local effects	300 mg/m ³ (worker)

Reaction mass of ethylbenzene and xylene

Dermal	Long-term exposure - systemic effects	180 mg/kg bw/day (worker)
Inhalative	Acute - short-term exposure - systemic effects	289 mg/m ³ (worker)
	Acute - short-term exposure - local effects	289 mg/m ³ (worker)
	Long-term exposure - systemic effects	77 mg/m ³ (worker)
	Long-term exposure - local effects	221 mg/m ³ (worker)

108-65-6 2-methoxy-1-methylethyl acetate

Dermal	Long-term exposure - systemic effects	796 mg/kg bw/day (worker)
Inhalative	Long-term exposure - systemic effects	275 mg/m ³ (worker)

108-88-3 toluene

Dermal	Long-term exposure - systemic effects	384 mg/kg bw/day (worker)
Inhalative	Acute - short-term exposure - systemic effects	384 mg/m ³ (worker)
	Acute - short-term exposure - local effects	384 mg/m ³ (worker)
	Long-term exposure - systemic effects	192 mg/m ³ (worker)
	Long-term exposure - local effects	192 mg/m ³ (worker)

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· PNECs

123-86-4 n-butyl acetate

PNEC 0.981 mg/kg (sediment freshwater)

PNEC 35.6 mg/l (STP)

0.18 mg/l (aqua, freshwater)

0.36 mg/l (aqua, intermittent releases)

0.018 mg/l (aqua, marine water)

0.0981 mg/l (sediment marine water)

Reaction mass of ethylbenzene and xylene

PNEC 12.64 mg/kg (sediment marine water)

12.64 mg/kg (sediment freshwater)

2.31 mg/kg (soil)

PNEC 6.58 mg/l (STP)

0.327 mg/l (aqua, freshwater)

0.327 mg/l (aqua, marine water)

108-65-6 2-methoxy-1-methylethyl acetate

PNEC 0.329 mg/kg (sediment marine water)

3.29 mg/kg (sediment freshwater)

0.29 mg/kg (soil)

PNEC 100 mg/l (STP)

6.35 mg/l (aqua, intermittent releases)

0.064 mg/l (aqua, marine water)

0.635 mg/l (aqua freshwater)

108-88-3 toluene

PNEC 16.39 mg/kg (sediment marine water)

PNEC 13.61 mg/l (STP)

0.68 mg/l (aqua, freshwater)

0.68 mg/l (aqua, intermittent releases)

0.68 mg/l (aqua, marine water)

· Ingredients with biological limit values:

· Additional Occupational Exposure Limit Values for possible hazards during processing:

1330-20-7 xylene

IOELV Short-term value: 442 mg/m³, 100 ppm

Long-term value: 221 mg/m³, 50 ppm

Skin

100-41-4 ethylbenzene

IOELV Short-term value: 884 mg/m³, 200 ppm

Long-term value: 442 mg/m³, 100 ppm

Skin

· Additional information: The lists valid during the making were used as basis.

· 8.2 Exposure controls

· Appropriate engineering controls Ensure adequate ventilation.

· Individual protection measures, such as personal protective equipment

· General protective and hygienic measures:

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.

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- Respiratory protection:
Short term filter device:
Filter type A.
If workers are exposed to concentrations above the exposure limit, they should use a suitable, certified respirator.
- Hand protection



Protective gloves

The glove material has to be impermeable and resistant to the product.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- Material of gloves
Suitable material for safety gloves (EN 374):
Butyl rubber, BR
- Penetration time of glove material
Thickness of the gloves ≥ 0.3 mm (butylacetate)
Value for the permeation: Level ≥ 60 min (butylacetate)
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye/face protection



Tightly sealed goggles

- Body protection: Solvent resistant protective clothing
- Environmental exposure controls No additional data. See 6 and 13.

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
- General Information
- Physical state Fluid
- Colour: Clear
- Odour: Characteristic
- Odour threshold: Not determined.
- Melting point/freezing point: Undetermined.
- Boiling point or initial boiling point and boiling range ≥ 124 - ≤ 128 °C (123-86-4 n-butyl acetate)
- Flammability Flammable.
- Lower and upper explosion limit
- Lower: ≥ 1.1 Vol % (Reaction mass of ethylbenzene and xylene)
- Upper: ≤ 10.8 Vol % (108-65-6 2-methoxy-1-methylethyl acetate)
- Flash point: 29 °C
- Auto-ignition temperature: 315 °C
- Decomposition temperature: Not determined.
- pH: Not determined.
- Viscosity:
- Kinematic viscosity: Not determined.
- Dynamic at 20 °C: 1 mPas
- Solubility
- water: Slightly soluble.
- Partition coefficient n-octanol/water (log value) Not determined.
- Vapour pressure at 20 °C: ≤ 10.7 hPa (123-86-4 n-butyl acetate)
- Vapour pressure at 50 °C: ≤ 55 hPa
- Density and/or relative density
- Density at 20 °C: 0.9 g/cm³
- Relative density: Not determined.

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· Vapour density	Not determined.
· 9.2 Other information	
· Appearance:	
· Form:	Liquid
· Important information on protection of health and environment, and on safety.	
· Ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· Solvent content:	
· Organic solvents:	100.0 %
· VOC (EC)	900.0 g/l
	100.00 %
· Solids content:	0.0 %
· Change in condition	
· 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
· Corrosive to metals	Void
· Desensitised explosives	Void

SECTION 10: Stability and reactivity

- 10.1 Reactivity No further relevant information available.
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions Reacts with strong oxidizing agents.
- 10.4 Conditions to avoid High temperatures
- 10.5 Incompatible materials:
 - Strong oxidising products.
 - Strong acids
 - Bases
- 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.

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· LD/LC50 values relevant for classification:

123-86-4 n-butyl acetate

Oral LD50 4,700 mg/kg (guinea pig)
10,768 mg/kg (rat) (OECD 423)
3,200 mg/kg (rabbit)
Dermal LD50 17,600 mg/kg (rabbit) (OECD 402)
Inhalative LC50/4h 390 ppm (rat)
LC50/4h 23.4 mg/l (rat) (OECD 403 in vivo, aerosol)

108-65-6 2-methoxy-1-methylethyl acetate

Oral LD50 >5,000 mg/kg (rat)
Dermal LD50 >5,000 mg/kg (rabbit)

108-88-3 toluene

Oral LD50 5,580 mg/kg (rat)
Dermal LD50 >5,000 mg/kg (rabbit)
Inhalative LC50/4h 20 mg/l (rat)

- Skin corrosion/irritation Causes skin irritation.
- Serious eye damage/irritation Causes serious eye irritation.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- 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.
- STOT-single exposure May cause respiratory irritation. May cause drowsiness or dizziness.
- STOT-repeated exposure
May cause damage to the central nervous system, the kidneys and the liver through prolonged or repeated exposure.
Route of exposure: Inhalation.
- 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:

123-86-4 n-butyl acetate

LC0/96h 62 mg/l (Danio rerio)
EC50/48h 44 mg/l (daphnia magna)
EC50/72h 647.7 mg/l (desmodesmus supspicatus)
IC50 356 mg/l (tetrahymena pyriformis) (40 h)
NOAEL/72h 200 mg/l (desmodesmus supspicatus)
LC50/48h 32 mg/l (crustaceans)
LC50/96h 100 mg/l (leporis macrochirus)
62 mg/l (Danio rerio)
18 mg/l (pimphales promelas) (OECD 203)

Reaction mass of ethylbenzene and xylene

ErC50/72h 4.9 mg/l (pseudokirchneriella subcapitata) (OECD 201)
EC50/48h >3.4 mg/l (Ceriodaphnia dubia)
EC50/73h 2.2 mg/l (algae) (OECD 201)
LC50/96h 2.6 mg/l (oncorhynchus mykiss)

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LC50/24h 13.4 mg/l (pimphales promelas)
1 mg/l (daphnia magna) (OECD 202)

108-65-6 2-methoxy-1-methylethyl acetate

EC50/48h (static) >500 mg/l (daphnia magna)
LC50/96h 134 mg/l (oncorhynchus mykiss)

108-88-3 toluene

NOEC/72h 10 mg/l (Skeletonema costatum)
EC50/3h 134 mg/l (Chlorella vulgaris)
EC50/48h 3.78 mg/l (daphnia magna)
EC50/72h 12.5 mg/l (algae)
LC50/96h 5.5 mg/l (Oncorhynchus kisutch)
5.5 mg/l (fish)

- 12.2 Persistence and degradability No further relevant information available.
- Degree of elimination:

123-86-4 n-butyl acetate

OECD 301D 83 % (/) (28 d)
BOD/28d 83 % (/)

Reaction mass of ethylbenzene and xylene

BOD/28d 90 % (/)

108-65-6 2-methoxy-1-methylethyl acetate

BOD/28d 83 % (/) (OECD 301 F)

- 12.3 Bioaccumulative potential

123-86-4 n-butyl acetate

LogPow 2.3 (/)

Reaction mass of ethylbenzene and xylene

LogPow 3.12-3.2 (/)

108-65-6 2-methoxy-1-methylethyl acetate

BCF <100 (/)
LogPow 1.2 (/)

108-88-3 toluene

BCF 90 (/)
LogPow 2.73 (/)

- 12.4 Mobility in soil

123-86-4 n-butyl acetate

Log Koc 1.268 (/)

- 12.5 Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.
- 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:
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.

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Harmful to aquatic organisms

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SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
 - Recommendation
 - Must not be disposed together with household garbage. Do not allow product to reach sewage system.
 - European waste catalogue
 - 07 01 04* other organic solvents, washing liquids and mother liquors
- Uncleaned packaging:
 - Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

- 14.1 UN number or ID number
 - ADR/ADN, IMDG, IATA
 - UN1263
- 14.2 UN proper shipping name
 - ADR/ADN
 - 1263 PAINT RELATED MATERIAL
 - IMDG, IATA
 - PAINT RELATED MATERIAL
- 14.3 Transport hazard class(es)
 - ADR/ADN, IMDG, IATA



- Class
 - 3 Flammable liquids.
- Label
 - 3
- 14.4 Packing group
 - ADR/ADN, IMDG, IATA
 - III
- 14.5 Environmental hazards:
 - Marine pollutant:
 - No
- 14.6 Special precautions for user
 - Warning: Flammable liquids.
- Hazard identification number (Kemler code):
 - 30
- EMS Number:
 - F-E,S-E
- Stowage Category
 - A
- 14.7 Maritime transport in bulk according to IMO instruments
 - Not applicable.

Transport/Additional information:

- ADR/ADN
 - 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

- 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
- UN "Model Regulation":
 - UN 1263 PAINT RELATED MATERIAL, 3, III

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SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
 - 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, 48
 - 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.
 - Regulation (EC) No 273/2004 on drug precursors
 - None of the ingredients is listed.
 - Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors
 - None of the ingredients is listed.
 - National regulations:
 - Other regulations, limitations and prohibitive regulations
 - The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation.
- 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.
This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

- Relevant phrases
 - 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.
 - H319 Causes serious eye irritation.
 - H332 Harmful if inhaled.
 - H335 May cause respiratory irritation.
 - H336 May cause drowsiness or dizziness.
 - H361d Suspected of damaging the unborn child.
 - H373 May cause damage to organs through prolonged or repeated exposure.
 - H412 Harmful to aquatic life with long lasting effects.
 - EUH066 Repeated exposure may cause skin dryness or cracking.

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— EU —

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 16.04.2024

Version number 12 (replaces version 11)

Revision: 16.04.2024

Trade name: **TPU30 Polyurethaanverdunner standaard / Thinner 41 / 2K
verdunner standaard / 2K Uni Thinner / PU verdunner 083 /
Thinner 2K PU**

(Contd. of page 11)

· Classification according to Regulation (EC) No 1272/2008

Flammable liquids

Bridging principles

Skin corrosion/irritation

Serious eye damage/irritation

Specific target organ toxicity (single exposure)

Specific target organ toxicity (repeated exposure)

Hazardous to the aquatic environment - long-term (chronic)
aquatic hazard

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Aspiration hazard

Expert judgement

· Department issuing SDS: Product safety department.

· Date of previous version: 12.09.2023

· Version number of previous version: 11

· Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

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

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)

VOC: Volatile Organic Compounds (USA, EU)

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

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Repr. 2: Reproductive toxicity – 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 Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

· * Data compared to the previous version altered.

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