

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

- 1.1 Product identifier
- Trade name: **Epoxy Thinner Fast**
- Article number: 1020825
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
- Sector of Use
  - SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
  - SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- Application of the substance / the mixture Thinner
- Uses advised against SU21 Consumer uses: Private households / general public / consumers
- 1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
  - Carolux
  - Kerkenbos 10-77T
  - 6546BB Nijmegen
  - Netherlands
  - T +31 (0)24 36 05 601
  - E info@carolux.nl
  - W www.carolux.nl
- Further information obtainable from:
  - Product safety department: info@carolux.nl
- 1.4 Emergency telephone number:
  - National Poisoning Information Centre - Bilthoven - The Netherlands
  - T +31 (0)30 274 88 88
  - Restricted to physicians for information on ingredients.

**SECTION 2: Hazards identification**

- 2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Flam. Liq. 2      H225 Highly flammable liquid and vapour.



GHS08 health hazard

Repr. 2      H361d Suspected of damaging the unborn child.

STOT RE 2      H373 May cause damage to the central nervous system through prolonged or repeated exposure.  
Route of exposure: Inhalation.

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



GHS05 corrosion

Eye Dam. 1      H318 Causes serious eye damage.



GHS07

Skin Irrit. 2      H315 Causes skin irritation.

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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Trade name: **Epoxy Thinner Fast**

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## · Hazard pictograms



GHS02 GHS05 GHS08

## · Signal word Danger

· Hazard-determining components of labelling: butanol  
xylene  
toluene

## · Hazard statements

H225 Highly flammable liquid and vapour.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H361d Suspected of damaging the unborn child.  
H373 May cause damage to the central nervous system 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

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P260 Do not breathe mist/vapours/spray.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P303+P361+P353 IF ON SKIN (or hair): Remove/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.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

## · 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 Chemical characterisation: Mixtures

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

## · Dangerous components %(m/m):

CAS: 1330-20-7	xylene	10-25%
EINECS: 215-535-7	Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4,	
Reg.nr.: 01-2119488216-32	H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	
CAS: 108-88-3	toluene	10-25%
EINECS: 203-625-9	Flam. Liq. 2, H225; Repr. 2, H361d; STOT RE 2, H373; Asp. Tox. 1, H304;	
Reg.nr.: 01-2119471310-51	Skin Irrit. 2, H315; STOT SE 3, H336	
CAS: 67-64-1	acetone	10-25%
EINECS: 200-662-2	Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	
Reg.nr.: 01-2119471330-49		
CAS: 78-83-1	butanol	2,5-10%
EINECS: 201-148-0	Flam. Liq. 3, H226; Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3,	
Reg.nr.: 01-2119484609-23	H335-H336	

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EC number: 920-750-0	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	2,5-10%
Reg.nr.: 01-2119473851-33	⚠ Flam. Liq. 2, H225; ⚠ Asp. Tox. 1, H304; Aquatic Chronic 2, H411; SE 3, H336	⚠ STOT
EC number: 918-668-5	Hydrocarbons, C9, aromatics	2,5-10%
Reg.nr.: 01-2119455851-35	⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; Aquatic Chronic 2, H411; SE 3, H335-H336	⚠ STOT
CAS: 100-41-4	ethylbenzene	2,5-10%
EINECS: 202-849-4	⚠ Flam. Liq. 2, H225; ⚠ STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4,	
Reg.nr.: 01-2119489370-35	H332; Aquatic Chronic 3, H412	
CAS: 141-78-6	ethyl acetate	2,5-10%
EINECS: 205-500-4	⚠ Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	
Reg.nr.: 01-2119475103-46		
CAS: 67-63-0	propan-2-ol	0,5-2,5%
EINECS: 200-661-7	⚠ Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	
Reg.nr.: 01-2119457558-25		

· 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.
- After eye contact:
  - Rinse opened eye for several minutes under running water. Then consult a doctor.
  - Remove contactlenses.
- After swallowing:
  - Do not induce vomiting; call for medical help immediately.
  - Rinse mouth.
- 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 fights with alcohol resistant foam.
  - For safety reasons unsuitable extinguishing agents: Water with full jet
- 5.2 Special hazards arising from the substance or mixture
  - During heating or in case of fire poisonous gases are produced.
  - 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
  - Mount respiratory protective device.
  - 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).
  - Use neutralising agent.

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- Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- 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.  
Prevent formation of aerosols.
- Information about fire - and explosion protection:  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.  
Keep respiratory protective device available.
- 7.2 Conditions for safe storage, including any incompatibilities
- Storage:  
Requirements to be met by storerooms and receptacles:  
Store in a cool location.  
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

- Additional information about design of technical facilities: No further data; see item 7.
- 8.1 Control parameters
- Ingredients with limit values that require monitoring at the workplace:

### 1330-20-7 xylene

IOELV Short-term value: 442 mg/m<sup>3</sup>, 100 ppm  
Long-term value: 221 mg/m<sup>3</sup>, 50 ppm  
Skin

### 67-64-1 acetone

IOELV Long-term value: 1210 mg/m<sup>3</sup>, 500 ppm

### 100-41-4 ethylbenzene

IOELV Short-term value: 884 mg/m<sup>3</sup>, 200 ppm  
Long-term value: 442 mg/m<sup>3</sup>, 100 ppm  
Skin

- DNELs

### 1330-20-7 xylene

Dermal	Long-term exposure - systemic effects	180 mg/kg bw/day (worker)
Inhalative	Acute - short-term exposure - systemic effects	289 mg/m <sup>3</sup> (worker)
	Acute - short-term exposure - local effects	289 mg/m <sup>3</sup> (worker)
	Long-term exposure - systemic effects	77 mg/m <sup>3</sup> (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 <sup>3</sup> (worker)
	Acute - short-term exposure - local effects	384 mg/m <sup>3</sup> (worker)
	Long-term exposure - systemic effects	192 mg/m <sup>3</sup> (worker)
	Long-term exposure - local effects	192 mg/m <sup>3</sup> (worker)

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**67-64-1 acetone**

Dermal Long-term exposure - systemic effects	186 mg/kg bw/day (worker)
Inhalative Acute - short-term exposure - local effects	2420 mg/m3 (worker)
Long-term exposure - systemic effects	1210 mg/m3 (worker)

**78-83-1 butanol**

Inhalative Long-term exposure - local effects	310 mg/m3 (worker)
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**Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics**

Dermal Long-term exposure - systemic effects	773 mg/kg bw/day (worker) ECHA database
Inhalative Long-term exposure - systemic effects	2035 mg/m3 (worker) ECHA database

**Hydrocarbons, C9, aromatics**

Dermal Long-term exposure - systemic effects	25 mg/kg bw/day (worker)
Inhalative Long-term exposure - systemic effects	150 mg/m3 (worker)

**100-41-4 ethylbenzene**

Dermal Acute - short-term exposure - local effects	293 mg/kg bw/day (worker)
Long-term exposure - systemic effects	180 mg/kg bw/day (worker)
Inhalative Long-term exposure - systemic effects	77 mg/m3 (worker)

**141-78-6 ethyl acetate**

Dermal Long-term exposure - systemic effects	63 mg/kg bw/day (worker)
Inhalative Acute - short-term exposure - systemic effects	1468 mg/m3 (worker)
Acute - short-term exposure - local effects	1468 mg/m3 (worker)
Long-term exposure - systemic effects	734 mg/m3 (worker)
Long-term exposure - local effects	734 mg/m3 (worker)

**67-63-0 propan-2-ol**

Dermal Long-term exposure - systemic effects	888 mg/kg bw/day (worker)
Inhalative Long-term exposure - systemic effects	500 mg/m3 (worker)

· PNECs

**1330-20-7 xylene**

PNEC 6,58 mg/l (STP)
0,237 mg/l (aqua, freshwater)
0,327 mg/l (aqua, intermittent releases)
0,327 mg/l (aqua, marine water)

**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)

**67-64-1 acetone**

PNEC 3,04 mg/kg (sediment marine water)
30,4 mg/kg (sediment freshwater)
29,5 mg/kg (soil)
PNEC 100 mg/l (STP)
10,6 mg/l (aqua, freshwater)
21 mg/l (aqua, intermittent releases)
1,06 mg/l (aqua, marine water)

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EU



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**78-83-1 butanol**

PNEC 0,152 mg/kg (aqua, marine water)  
1,52 mg/kg (sediment freshwater)  
0,0699 mg/kg (soil)

PNEC 10 mg/l (STP)  
0,4 mg/l (aqua, freshwater)  
11 mg/l (aqua, intermittent releases)  
0,04 mg/l (aqua, marine water)

**100-41-4 ethylbenzene**

PNEC 13,7 mg/kg (sediment freshwater)  
2,68 mg/kg (soil)

PNEC 9,6 mg/l (STP)  
0,1 mg/l (aqua, freshwater)  
0,1 mg/l (aqua, intermittent releases)  
0,01 mg/l (aqua, marine water)

**141-78-6 ethyl acetate**

PNEC 0,115 mg/kg (sediment marine water)  
1,15 mg/kg (sediment freshwater)  
0,148 mg/kg (soil)

PNEC 650 mg/l (STP)  
0,24 mg/l (aqua, freshwater)  
1,65 mg/l (aqua, intermittent releases)  
0,024 mg/l (aqua, marine water)

**67-63-0 propan-2-ol**

PNEC 552 mg/kg (sediment marine water)  
552 mg/kg (sediment freshwater)  
28 mg/kg (soil)

PNEC 2251 mg/l (STP)  
140,9 mg/l (aqua, freshwater)  
140,9 mg/l (aqua, intermittent releases)  
140,9 mg/l (aqua, marine water)

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

## · 8.2 Exposure controls

· 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.

Do not inhale gases / fumes / aerosols.  
Avoid contact with the eyes and skin.

· Respiratory protection:

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:

Filter AX

· Protection of hands:



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

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· Material of gloves

Suitable materials for safety gloves (EN 374):  
Butyl rubber, BR

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 preparation 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.

· Penetration time of glove material

Thickness of the gloves  $\leq$  0.625 mm (acetone)

Value for the permeation: Level  $\leq$  480 min (acetone)

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection:



Tightly sealed goggles

· Body protection: Solvent resistant protective clothing

## SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

Form: Liquid

Colour: · Odour: Colorless to pale yellow.  
Characteristic

· Odour threshold:

Not determined.

· pH-value:

Not determined.

· Change in condition

Melting point/Melting range:

Boiling point/Boiling range: Undetermined.  
55 °C

· Flash point:

-5 °C

· Flammability (solid, gaseous):

· Ignition temperature:

Not applicable.  
390 °C

· Decomposition temperature:

Not determined.

· Self-igniting:

Product is not selfigniting.

· Danger of explosion:

Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

· Explosion limits: Lower: Upper:

1,1 Vol %

· Vapour pressure at 20 °C:

13,0 Vol %

· Density:

233 hPa

· Relative density · Vapour density ·

Evaporation rate

Not determined.

Not determined.

· Solubility in / Miscibility with water:

Not determined.

· Partition coefficient (n-octanol/water): Not determined.

Not determined.

· Viscosity:

Slightly soluble.

Dynamic at 20 °C:

1 mPas

Kinematic:

Not determined.

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- Solvent content:
  - Organic solvents: 100 %
  - VOC (EC) 100 %
  - 84,19 %
- 9.2 Other information No further relevant information available.

**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: Oxidizing agents.
- 10.6 Hazardous decomposition products: No dangerous decomposition products known.

**SECTION 11: Toxicological information**

- 11.1 Information on toxicological effects
- Acute toxicity Based on available data, the classification criteria are not met.
- LD/LC50 values relevant for classification:

**1330-20-7 xylene**

Oral LD50 3523 mg/kg (rat)  
 Dermal LD50 12126 mg/kg bw (rabbit)  
 Inhalative LC50/4h 27124 mg/m3 (rat)

**108-88-3 toluene**

Oral LD50 5580 mg/kg (rat)  
 Dermal LD50 > 5000 mg/kg (rabbit)  
 Inhalative LC50/4h 28,1 mg/l (rat)

**67-64-1 acetone**

Oral LD50 5800 mg/kg (rat)  
 Dermal LD50 7400 mg/kg (rabbit)  
 Inhalative LC50/4h 76 mg/l (rat)

**78-83-1 butanol**

Oral LD50 3350 mg/kg (rat)  
 Dermal LD50 >2000 mg/kg (rabbit)  
 Inhalative LC50/4h >8000 ppm (rat)

**Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics**

Oral LD50 >5000 mg/kg (rat)  
 Dermal LD50 >2800 mg/kg (rabbit)  
 Inhalative LC50/4h >23,3 mg/l (rat) (vapour, OECD 403)

**Hydrocarbons, C9, aromatics**

Oral LD50 3592 mg/kg (rat)  
 Dermal LD50 >3160 ml/kg (rabbit)  
 Inhalative LC50/4h >6193 ppm (rat)

**100-41-4 ethylbenzene**

Oral LD50 3500 mg/kg (rat)  
 Dermal LD50 17800 mg/kg (rabbit)

**141-78-6 ethyl acetate**

Oral LD50 4100 mg/kg (mouse)

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Dermal LD50 5620 mg/kg (rat)  
> 20000 mg/kg (rabbit)  
Inhalative LC50/4h 30 mg/l (rat)

**67-63-0 propan-2-ol**

Oral LD50 >5000 mg/kg (rat)  
Dermal LD50 >5000 mg/kg (rabbit)

- Primary irritant effect:
- Skin corrosion/irritation  
Causes skin irritation.
- Serious eye damage/irritation  
Causes serious eye damage.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)  
Repr. 2
- 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  
Suspected of damaging the unborn child.
- STOT-single exposure Based on available data, the classification criteria are not met.
- STOT-repeated exposure  
May cause damage to the central nervous system through prolonged or repeated exposure. Route of exposure:  
Inhalation.
- Aspiration hazard  
May be fatal if swallowed and enters airways.

**SECTION 12: Ecological information**

- 12.1 Toxicity
- Aquatic toxicity:

**1330-20-7 xylene**

IC50/72h 2,2 mg/l (algae)  
EC50/48h 1 mg/l (daphnia magna)  
LC50/96h 2,6 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)

**67-64-1 acetone**

EC50 8800 mg/l (daphnia magna) EC50/96h  
8300 mg/l (Iepomis macrochirus) IC50 >100  
mg/l (algae)  
>100 mg/l (fish)

**78-83-1 butanol**

EC50/48h 1100 mg/l (daphnia magna)  
EC50/72h 1799 mg/l (algae)  
LC50/96h 1430 mg/l (pimphales promelas)

**Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics**

EC50/48h 4,6 mg/l (daphnia)  
EC50/72h 10 mg/l (pseudokirchneriella subcapitata)

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LC50/96h 3-10 mg/l (oncorhynchus mykiss)

**100-41-4 ethylbenzene**

EC50/24h &gt;100 mg/l (daphnia magna)

**141-78-6 ethyl acetate**

NOEC/32d &gt;9,65 mg/l (fish)

NOEC/21d 2,4 mg/l (daphnia magna)

EC50/48h 5600 mg/l (algae)

610 mg/l (daphnia magna)

LC50/96h 230 mg/l (fish)

. 12.2 Persistence and degradability No further relevant information available.

. Degree of elimination:

**Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics**

OECD 98 % (/) (OECD 301 F, 28 days, readily biodegradable)

. 12.3 Bioaccumulative potential

**1330-20-7 xylene**

LogPow 3,15 (/)

**108-88-3 toluene**

BCF 90 (/)

LogPow 2,73 (/)

**141-78-6 ethyl acetate**

BCF 30 (leuciscus idus)

. 12.4 Mobility in soil

**141-78-6 ethyl acetate**

Koc 1,43 (/)

. Other information:

**141-78-6 ethyl acetate**

BOD5/20d 79 (/)

. Ecotoxicological 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.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

Danger to drinking water if even small quantities leak into the ground.

Harmful to aquatic organisms

. 12.5 Results of PBT and vPvB assessment

. PBT: Not applicable.

. vPvB: Not applicable.

. 12.6 Other adverse effects No further relevant information available.

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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.

— EU —

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**SECTION 14: Transport information**

- 14.1 UN-Number
- ADR,ADN, IMDG, IATA
- 14.2 UN proper shipping name
- ADR/ADN
- IMDG
- IATA
- 14.3 Transport hazard class(es)
- ADR,ADN, IMDG, IATA

UN1263  
1263 PAINT RELATED MATERIAL  
PAINT RELATED MATERIAL  
Paint related material



- Class
- Label
- 14.4 Packing group
- ADR,ADN, IMDG, IATA
- 14.5 Environmental hazards:
- 14.6 Special precautions for user
- Danger code (Kemler):
- EMS Number:
- Stowage Category
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code
- Transport/Additional information:

3 Flammable liquids.  
3  
II  
Not applicable.  
Warning: Flammable liquids.  
33  
F-E,S-E  
B  
Not applicable.

- ADR/ADN
- Limited quantities (LQ)
- Excepted quantities (EQ)
- Transport category
- Tunnel restriction code
- IMDG
- Limited quantities (LQ)
- Excepted quantities (EQ)
- UN "Model Regulation":

5L  
Code: E2  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 500 ml  
2  
D/E  
5L  
Code: E2  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 500 ml  
UN 1263 PAINT RELATED MATERIAL, 3, II

**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
  - 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.

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· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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## 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

- 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.
- H318 Causes serious eye damage.
- 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 the central nervous system through prolonged or repeated exposure. Route of exposure: Inhalation.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

· Department issuing SDS: Product safety department.

· Contact: Mr. F. Dammers

### · Abbreviations and acronyms:

ADR: Accord européen sur le transport 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 Dam. 1: Serious eye damage/eye irritation – Category

1 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 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

· \* Data compared to the previous version altered.