

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 10.02.2022

Version number 9 (replaces version 8)

Revision: 10.02.2022

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

- 1.1 Product identifier
- Trade name: Epifanes Poly-urethane Spraythinner
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
- Sector of Use
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- Product category
PC35 Washing and cleaning products (including solvent based products)
PC0 Other
- Process category PROC19 Manual activities involving hand contact
- Environmental release category
ERC5 Use at industrial site leading to inclusion into/onto article
ERC8c Widespread use leading to inclusion into/onto article (indoor)
ERC8f Widespread use leading to inclusion into/onto article (outdoor)
- Application of the substance / the mixture
See our technical datasheet for application of this product.
Spuutverdunner voor poly-urethane verven en lakken
- 1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
W.Heeren & Zoon bv.
P.O. box 166
1430 AD Aalsmeer
Netherlands
tel.+31-(0)297-360366
email: r&d@epifanes.nl
- Further information obtainable from: Research & Development.
- 1.4 Emergency telephone number:
W.Heeren & Zoon bv. tel: +31 297 360678, E-mail: rend@epifanes.nl
Office hours: weekdays from 08:00 to 17:00.
The National Poisons Information Service; dial 111
Solely intended to inform professionals in acute poisoning!

SECTION 2: Hazards identification

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



flame

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



Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

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- 2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008
The product is classified and labelled according to the CLP regulation.
- Hazard pictograms



GHS02 GHS07

- Signal word Danger
- Hazard-determining components of labelling:
Butanone
2-methoxy-1-methylethyl acetate
- Hazard statements
H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
- Precautionary statements
P102 Keep out of reach of children.
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.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- 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:
Solvent mixture
Mixture of organic solvents.

- Dangerous components:

CAS: 78-93-3 EINECS: 201-159-0 Index number: 606-002-00-3 Reg.nr.: 01-2119457290-43	Butanone Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336 EUH066	25-50%
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CAS: 108-65-6 EINECS: 203-603-9 Index number: 607-195-00-7 Reg.nr.: 01-2119475791-29	2-methoxy-1-methylethyl acetate Flam. Liq. 3, H226 STOT SE 3, H336	25-50%
CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1 Reg.nr.: 01-2119485493-29	N-butyl acetate Flam. Liq. 3, H226 STOT SE 3, H336 EUH066	2.5-10%
CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32	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	≥2.5-<10%

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.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Immediately rinse with water.
- After eye contact:
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing: If symptoms persist consult doctor.
- 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 or 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.
No further relevant information available.
- 5.3 Advice for firefighters
- Protective equipment:
Wear fully protective suit.

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Do not inhale explosion gases or combustion gases.
Mouth respiratory protective device.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
Wear protective clothing.
Ensure adequate ventilation
Mount respiratory protective device.
Wear protective equipment. Keep unprotected persons away.
- 6.2 Environmental precautions:
Prevent seepage into sewage system, workpits and cellars.
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 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
Work only in fume cupboard.
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 only in the original receptacle.
Store in a cool location.
- Information about storage in one common storage facility:
Store away from water.
- Further information about storage conditions:
Keep container tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
- 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:

78-93-3 Butanone

WEL	Short-term value: 899 mg/m ³ , 300 ppm Long-term value: 600 mg/m ³ , 200 ppm Sk, BMGV
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108-65-6 2-methoxy-1-methylethyl acetate

WEL	Short-term value: 548 mg/m ³ , 100 ppm Long-term value: 274 mg/m ³ , 50 ppm Sk
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123-86-4 N-butyl acetate

WEL	Short-term value: 966 mg/m ³ , 200 ppm Long-term value: 724 mg/m ³ , 150 ppm
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1330-20-7 Xylene

WEL	Short-term value: 441 mg/m ³ , 100 ppm Long-term value: 220 mg/m ³ , 50 ppm Sk; BMGV
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78-93-3 Butanone

WEL	Short-term value: 899 mg/m ³ , 300 ppm Long-term value: 600 mg/m ³ , 200 ppm Sk, BMGV
-----	---

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

WEL	Short-term value: 548 mg/m ³ , 100 ppm Long-term value: 274 mg/m ³ , 50 ppm Sk
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123-86-4 N-butyl acetate

WEL	Short-term value: 966 mg/m ³ , 200 ppm Long-term value: 724 mg/m ³ , 150 ppm
-----	---

1330-20-7 Xylene

WEL	Short-term value: 441 mg/m ³ , 100 ppm Long-term value: 220 mg/m ³ , 50 ppm Sk; BMGV
-----	--

Regulatory information WEL: EH40/2020

DNEL (Derived No Effect Level) voor professionals

78-93-3 Butanone

Oral	Long-term - systemic effects.	31 mg/kg/day (General population)
Dermal	Long-term - systemic effects.	1,161 mg/kg/day (Employees)
	Long-term systemic effects.	412 mg//kg/day (General population)
Inhalative	Long-term - systemic effects.	106 mg/m ³ (General population)
	Long-term - systemic effects.	600 mg/m ³ (Employees)

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

Dermal	Long-term systemic effects.	796 mg//kg/day (Employees)
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Inhalative	Short term - local effects.	550 mg/m ³ (Employees)
	Long-term - systemic effects.	275 mg/m ³ (Employees)
123-86-4 N-butyl acetate		
Dermal	Short-term - systemic effects.	11 mg/kg (Employees)
	Long-term - systemic effects.	11 mg/kg/day (Employees)
Inhalative	Long-term - local effects.	300 mg/m ³ (Employees)
	Short-term systemic effects.	600 mg/m ³ (Employees)
	Short term - local effects.	600 mg/m ³ (Employees)
	Long-term - systemic effects.	300 mg/m ³ (Employees)
1330-20-7 Xylene		
Oral	Long-term - systemic effects.	1.6 mg/kg bw/day (General population)
Inhalative	Long-term - local effects.	77 mg/m ³ (Employees)
	Acute - systemic effects.	174 mg/m ³ (General population)
	Long-term - systemic effects.	14.8 mg/m ³ (General population)
· DNEL (Derived No Effect Level) for general audience		
108-65-6 2-methoxy-1-methylethyl acetate		
Oral	Long-term systemic effects.	36 mg/kg bw/day (General population)
Dermal	Long-term - systemic effects.	320 mg/kg bw/day (General population)
Inhalative	Long-term - systemic effects.	33 mg/m ³ (General population)
123-86-4 N-butyl acetate		
Oral	Long-term systemic effects.	2 mg/kg bw/day (General population)
	Short-term - systemic effects.	6 mg/kg bw/day (General population)
Dermal	Long-term - systemic effects.	6 mg/kg bw/day (General population)
	Long-term - local effects.	35.7 mg/m ³ (General population)
	Short-term - systemic effects.	6 mg/kg (General population)
Inhalative	Long-term - systemic effects.	35.7 mg/m ³ (General population)
	Short-term - systemic effects.	300 mg/kg (General population)
	Short-term - local effects.	300 mg/m ³ (General population)
1330-20-7 Xylene		
Oral	Acute - systemic effects	289 mg/kg (Employees)
Dermal	Long-term - systemic effects.	180 mg/kg bw/day (Employees)
Inhalative	Long-term - systemic effects.	77 mg/m ³ (Employees)
	Short-term - systemic effects.	289 mg/kg (Employees)
	Short-term - local effects.	174 mg/m ³ (General population)
	Long term - systemic effects.	108 mg/kg bw/day (General population)

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· PNECs	
78-93-3 Butanone	
Aquatic compartment.	55.8 mg/l (Freshwater)
Aquatic compartment.	55.8 mg/l (Seawater)
STP	709 mg/l (Segmentation, Targeting and Positioning)
Soil	284.7 mg/kg (Sediment)
Intermittent	55.8 mg/l (Intermittent)
Soil	22.5 mg/kg (soil)
108-65-6 2-methoxy-1-methylethyl acetate	
Sewage treatment plant	100 mg/l (Sewage treatment plant)
Aquatic compartment.	0.635 mg/l (Freshwater)
Aquatic compartment.	0.0635 mg/l (Seawater)
Soil	3.29 mg/kg (Freshwater)
Intermittent	6.35 mg/l (Intermittent)
Soil	0.29 mg/kg (soil)
Sediment	0.329 mg/kg (Seawater)
123-86-4 N-butyl acetate	
Aquatic compartment.	0.18 mg/l (Freshwater)
Aquatic compartment.	0.018 mg/l (Seawater)
STP	35.6 mg/l (Segmentation, Targeting and Positioning)
Soil	0.981 mg/kg (Freshwater)
Intermittent	0.36 mg/l (Intermittent)
Soil	0.0903 mg/kg (soil)
Sediment	0.0981 mg/kg (Seawater)
1330-20-7 Xylene	
Sewage treatment plant	6.58 mg/l (Sewage treatment plant)
Aquatic compartment.	0.327 mg/l (Freshwater)
Aquatic compartment.	0.327 mg/l (Seawater)
Aquatic compartment - water, intermittent releases	0.327 mg/L (Freshwater)
Soil	12.46 mg/kg (Seawater)
	12.46 mg/kg (Freshwater)
Soil	2.31 mg/kg (soil)
· Ingredients with biological limit values:	
78-93-3 Butanone	
BMGV	70 µmol/L
	Medium: urine
	Sampling time: post shift
	Parameter: butan-2-one

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1330-20-7 Xylene

BMGV	650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid
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- Additional information: The lists valid during the making were used as basis.
- 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:
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.
- Respiratory protection:
Suitable respiratory protective device recommended.
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.
Filter AX
In case of short or low load, breathing filter device; in the case of intensive or prolonged exposure, use a breathing apparatus independent of the surrounding air. A half-face mask for organic vapours and solvents according to EN140 type A1 or A2 is recommended.
- Hand protection



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ 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 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
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- For the permanent contact gloves made of the following materials are suitable:
Butyl rubber, glove thickness 0.7 mm, > 480 min breakthrough time / permeation to EN374.

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- For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:
Butyl rubber, BR
- As protection from splashes gloves made of the following materials are suitable:
(recommended: at least protection index 2, corresponding> 30 minutes permeability time / Permeation according to EN 374)
chloroprene rubber (CR) - 0.5 mm thickness
nitrile rubber (NBR) - 0.4 mm thickness
- Eye/face protection



Tightly sealed goggles

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 | 79 °C |
| · Flammability | Not applicable. |
| · Lower and upper explosion limit | |
| · Lower: | 1.2 Vol % |
| · Upper: | 11.5 Vol % |
| · Flash point: | -4 °C |
| · Ignition temperature: | 315 °C |
| · Decomposition temperature: | Not determined. |
| · pH | Not determined. |
| · Viscosity: | |
| · Kinematic viscosity at 20 °C | 11 s (DIN 53211/4) |
| · Dynamic: | Not determined. |
| · Solubility | |
| · water: | Not miscible or difficult to mix. |
| · Partition coefficient n-octanol/water (log value) | Not determined. |
| · Vapour pressure at 20 °C: | 105 hPa |
| · Density and/or relative density | |
| · Density at 20 °C: | 0.88333 g/cm ³ |
| · Relative density | Not determined. |
| · Vapour density | Not determined. |

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- 9.2 Other information
- Appearance:
- Form: Fluid
- Important information on protection of health and environment, and on safety.
- Auto-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 content: 100.00 %
VOC content:
883.3 g/l / 7.37 lb/gal
- 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 Highly 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 No dangerous reactions known.
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.

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- 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

- LD/LC50 values relevant for classification:

78-93-3 Butanone

Oral	LD50	3,300 mg/kg bw (rat)
Dermal	LD50	5,000 mg/kg bw (rabbit)

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

Oral	LD50	8,532 mg/kg bw (rat)
Dermal	Long-term exposure (8 hours TWA): 50 ppm	550 mg/m ³ (Occupational exposure limits)
Inhalative	LC50/4 h	35.7 mg/l (rat)

123-86-4 N-butyl acetate

Oral	LD50	13,100 mg/kg bw (rat)
Dermal	LD50	>5,000 mg/kg bw (rabbit)
Inhalative	LC50/4 h	>21 mg/l (rat)

1330-20-7 Xylene

Dermal	Short-term exposure (15 minutes): 100 ppm	442 mg/m ³ (Occupational exposure limits)
	Long-term exposure (8 hours TWA): 50 ppm	221 mg/m ³ (Occupational exposure limits)

- Serious eye damage/irritation Causes serious eye irritation.
- STOT-single exposure May cause drowsiness or dizziness.
- 11.2 Information on other hazards

- Endocrine disrupting properties

78-93-3 Butanone

List II

SECTION 12: Ecological information

- 12.1 Toxicity

- Aquatic toxicity:

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

EC50	408-500 mg/l (daphnia magna) (48 uur/hour)
IC 50	>1,000 mg/l (Algae, Growth inhibition test) (72 uur/hour)
LC50	100-180 mg/l (Fish Acute Toxicity Study) (96 uur/hour)

- 12.2 Persistence and degradability No further relevant information available.
- 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: Not applicable.

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- vPvB: Not applicable.
- 12.6 Endocrine disrupting properties
For information on endocrine disrupting properties see section 11.
- 12.7 Other adverse effects
- 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.

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.
- 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 | UN1263 |
| · 14.2 UN proper shipping name | |
| · ADR | 1263 PAINT RELATED MATERIAL (vapour pressure at 50°C not more than 110 kPa) |
| · IMDG, IATA | PAINT RELATED MATERIAL |
| · 14.3 Transport hazard class(es) | |
| · ADR | |
| |  |
| · Class | 3 (F1) Flammable liquids. |
| · Label | 3 |
| · IMDG, IATA | |
| |  |
| · Class | 3 Flammable liquids. |
| · Label | 3 |
| · 14.4 Packing group | |
| · ADR, IMDG, IATA | II |

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· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Warning: Flammable liquids.
· Hazard identification number (Kemler code):	33
· EMS Number:	F-E, <u>S-E</u>
· Stowage Category	B
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· Transport category	2
· Tunnel restriction code	D/E
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· UN "Model Regulation":	UN 1263 PAINT RELATED MATERIAL (VAPOUR PRESSURE AT 50°C NOT MORE THAN 110 KPA), 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

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- National regulations:
- Technical instructions (air):

Class	Share in %
NK	50-100

- Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water.
- 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
 - 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.
 - H373 May cause damage to organs through prolonged or repeated exposure.
 - EUH066 Repeated exposure may cause skin dryness or cracking.
- Department issuing SDS: Research & Development.
- Contact: J.J. van Dijk, tel: +31 297 360678, email: rend@epifanes.nl
- 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
 - STOT SE 3: Specific target organ toxicity (single exposure) - Category 3
 - STOT RE 2: Specific target organ toxicity (repeated exposure) - Category 2

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Safety data sheet
according to 1907/2006/EC, Article 31

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Trade name: Epifanes Poly-urethane Spraythinner

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Asp. Tox. 1: Aspiration hazard - Category 1

· * Data compared to the previous version altered.

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