

Safety data sheet
according to UK REACH

Printing date 01.10.2025

Version number 24

Revision: 01.10.2025

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

- 1.1 Product identifier
- Trade name: Epifanes Nonskid Deckcoating
- 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 PC9a Coatings and paints, thinners, paint removers
- Process category PROC10 Roller application or brushing
- Environmental release category
ERC2 Formulation into mixture
ERC10b Widespread use of articles with high or intended release (outdoor)
- Application of the substance / the mixture
See our technical datasheet for application of this product.
one-component paint with nonskid properties
- Uses advised against
This product is not recommended for applications other than the uses identified above.
- 1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
W.Heeren & Zoon bv.
Oosteinderweg 32
1432 AL Aalsmeer
Netherlands
tel.+31 297-360366
email: info@epifanes.nl
- Further information obtainable from: Research & Development.
- 1.4 Emergency telephone number: +61 7 5563 1222 (Monday-Friday 8:30am-5:00pm)

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.



GHS07

STOT SE 3 H336 May cause drowsiness or dizziness.

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

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· Hazard pictograms



GHS02 GHS07

· Signal word Warning

· Hazard-determining components of labelling:

Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, < 2% aromatics

Koolwaterstoffen, C9-C11, n-alkanen, iso-alkanen, cyclische, < 2% aromaten

· Hazard statements

H226 Flammable liquid and vapour.

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.

· Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

· 2.3 Other hazards

· Results of PBT and vPvB assessment

· PBT:

The product does not meet the criteria for PBT in accordance with UK REACH Annex XIII.

· vPvB:

The product does not meet the criteria for vPvB in accordance with UK REACH Annex XIII.

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

· Description:

Solvent mixture with pigment additives

Resin mixture

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Mixture of synthetic binders, pigments, fillers, additives
and organic solvents

Dangerous components:

EC number: 919-857-5 Reg.nr.: 01-2119463258-33-0002	Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, < 2% aromatics ⚠ Flam. Liq. 3, H226 ⚠ Asp. Tox. 1, H304 ⚠ STOT SE 3, H336	25-50%
CAS: 77-99-6 EINECS: 201-074-9 Reg.nr.: 01-2119486799-10	propylidynetrimethanol ⚠ Repr. 2, H361fd	<0.3%
CAS: 68647-95-0 Reg.nr.: 01-2120099181-55	Fatty acids, C18-unsaturated, dimers, compounds, with coco alkylamines ⚠ STOT RE 2, H373 ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410 ⚠ Skin Irrit. 2, H315; Skin Sens. 1B, H317	≥0.1-<0.25%

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.
- 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.
- After swallowing: Seek medical treatment.
- 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
- 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.

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- 5.3 Advice for firefighters
- Protective equipment:
Wear fully protective suit.
Mouth respiratory protective device.

* **SECTION 6: Accidental release measures**

- 6.1 Personal precautions, protective equipment and emergency procedures
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.
Dilute with plenty of water.
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.
- 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
Use only in well ventilated areas.
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.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep container tightly sealed.
- 7.3 Specific end use(s) wood protection

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SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters
- Ingredients with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNEL (Derived No Effect Level) voor professionals

Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, < 2% aromatics

Oral	Long-term - systemic effects.	125 mg/kg bw/dag (consumer)
Dermal	Long-term - systemic effects.	125 mg/kg bw/dag (consumer)
Inhalative	Long-term - systemic effects.	185 mg/m ³ (consumer)

77-99-6 propylidynetrimethanol

Oral	Long-term - systemic effects.	0.34 mg/kg bw/day (consumer)
Dermal	Acute/short-term -local effects	0.34 mg/kg/bw/dag (consumer)
Inhalative	Long-term - systemic effects.	0.58 mg/m ³ (consumer)

68647-95-0 Fatty acids, C18-unsaturated, dimers, compounds, with coco alkylamines

Oral	Long-term - systemic effects.	0.13 mg/kg bw/dag (consumer)
Dermal	Long-term - systemic effects.	0.25 mg/kg bw/dag (consumer)
	Long-term - local effects.	86.5 µg/cm ² (consumer)
Inhalative	Long-term - systemic effects.	0.45 mg/m ³ (consumer)

DNEL (Derived No Effect Level) for general audience

Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, < 2% aromatics

Dermal	Long-term - systemic effects.	208 mg/kg/dag (Employees)
Inhalative	Lange termijn systemische effecten.	871 mg/m ³ (Employees)

77-99-6 propylidynetrimethanol

Dermal	Long-term - systemic effects.	0.94 mg/kg bw/day (Employees)
Inhalative	Long-term - systemic effects.	3.3 mg/m ³ (Employees)

68647-95-0 Fatty acids, C18-unsaturated, dimers, compounds, with coco alkylamines

Dermal	Long-term - systemic effects.	0.51 mg/kg/dag (Employees)
Inhalative	Lange termijn systemische effecten.	0.91 mg/m ³ (Employees)

PNECs

68647-95-0 Fatty acids, C18-unsaturated, dimers, compounds, with coco alkylamines

Freshwater	0 mg/l (Freshwater)
Marine water	0 mg/l (Marine water)
Sediment (freshwater)	0.04 mg/kg sed dw (Freshwater)
Sediment (marine water)	0.004 mg/kg sed dw (Freshwater)

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STP	180 mg/l (Segmentation, Targeting and Positioning)
Soil	2 mg/kg (soil)

- Additional information: The lists valid during the making were used as basis.
- 8.2 Exposure controls
- Appropriate engineering controls No further data; see section 7.
- Individual protection measures, such as personal protective equipment
- General protective and hygienic measures:
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
- Respiratory protection:
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
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation



Protective gloves

- 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.
- Eye/face protection



Tightly sealed goggles

- Environmental exposure controls
Keep container tightly closed when not in use regarding restrictions on emissions to air, water and soil.

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SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
 - General Information
 - Physical state
 - Solid
 - Liquid
 - Colour:
 - Different according to colouring
 - Odour:
 - Characteristic
 - Odour threshold:
 - Not determined.
 - Melting point/freezing point:
 - Undetermined.
 - Boiling point or initial boiling point and boiling range
 - 154 °C (Koolwaterstoffen, C9-C11, n-alkanen, isoalkanen, cyclische, < 2% aromaten.)
 - Flammability
 - Flammable.
 - Lower and upper explosion limit
 - Lower: 0.6 Vol %
 - Upper: 7 Vol %
 - Flash point:
 - 40 °C
 - Auto-ignition temperature:
 - 240 °C
 - Decomposition temperature:
 - Not determined.
 - pH
 - Mixture is non-soluble (in water).
 - Viscosity:
 - Kinematic viscosity at 20 °C: 35 s (ISO 6 mm)
 - Dynamic: Not determined.
 - Solubility
 - water: Fully miscible.
 - Partition coefficient n-octanol/water (log value)
 - Not determined.
 - Vapour pressure:
 - Not determined.
 - Density and/or relative density
 - Density at 20 °C: 1.475 g/cm³
 - Relative density: Not determined.
 - Vapour density: Not determined.
- 9.2 Other information
 - Appearance:
 - Form:
 - Fluid
 - 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: 26.1 %
 - VOC content: 0.17 %
 - VOC content: 2.5 g/l / 0.02 lb/gal

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· Solids content:	74.0 % (VB% 1h150 C)
· 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 No dangerous reactions known.
- 10.4 Conditions to avoid
Avoid heat, flames and other sources of ignition. Static electricity and spark formation should be avoided. Do not pressurise, cut, weld, drill, abrade or otherwise expose to heat or sources of ignition.
- 10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products:
No dangerous decomposition products known.

* **SECTION 11: Toxicological information**

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

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· LD/LC50 values relevant for classification:

Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, < 2% aromatics

Oral	LD50 15 days, source: ECHA	>5,000 mg/kg/bw (rat) (OECD 401)
Dermal	L50 24 hours, source: ECHA	>2,000 mg/kg/bw (rat) (OECD 402)
Inhalative	LC50 8hour, source: ECHA	>5,000 mg/m ³ (rat) (OECD 403)

77-99-6 propylidynetrimethanol

Oral	LD50	14,100 mg/kg bw (rat)
Dermal	LD50	>5,000 mg/kg bw (rabbit)
Inhalative	LC50	>6.8 mg/l (rat)

- Primary irritant effect:
- Skin corrosion/irritation Void
- Serious eye damage/irritation Void
- Respiratory or skin sensitisation
- Based on available data, the classification criteria are not met.
- Germ cell mutagenicity Void
- 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 drowsiness or dizziness.
- STOT-repeated exposure
- Based on available data, the classification criteria are not met.
- 11.2 Information on other hazards

· Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity:

Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, < 2% aromatics

LC50 48 hours	1,000 mg/l (Water fleas)
LL50 96 hours	>1,000 mg/l ((Rainbow trout))
NOELR 72 uur	100 mg/l (Microalgae)
EL50 72 hours	>1,000 mg/l (Microalgae)

- 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:
This substance is not classified as PBT or vPvB according to current EU criteria.

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- vPvB:
This substance is not classified as vPvB according to current EU criteria.
- 12.6 Endocrine disrupting properties
The product does not contain substances with endocrine disrupting properties.
- 12.7 Other adverse effects
- Additional ecological information:
- General notes:
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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.
- Recommended cleansing agents:
Water, if necessary together with cleansing agents.

SECTION 14: Transport information

- 14.1 UN number or ID number
- ADR, IMDG, IATA UN1263
- 14.2 UN proper shipping name
- ADR 1263 PAINT
- IMDG, IATA PAINT
- 14.3 Transport hazard class(es)
- ADR
- 
- Class 3 (F1) Flammable liquids.
- Label 3

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· IMDG, IATA



· Class 3 Flammable liquids.
· Label 3

· 14.4 Packing group
· ADR, 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
· 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, 3, III

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SECTION 15: Regulatory information

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

- Regulated explosives precursors

None of the ingredients is listed.

- Regulated poisons

None of the ingredients is listed.

- Reportable explosives precursors

None of the ingredients is listed.

- Reportable poisons

None of the ingredients is listed.

- 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

- National regulations:

- Technical instructions (air):

Class	Share in %
NK	25-50

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

SECTION 16: Other information

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

- Relevant phrases

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H336 May cause drowsiness or dizziness.
H361fd Suspected of damaging fertility. Suspected of damaging 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.

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- Classification according to Regulation (EC) No 1272/2008
The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.
- 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 (UK REACH)
 - PNEC: Predicted No-Effect Concentration (UK REACH)
 - LC50: Lethal concentration, 50 percent
 - LD50: Lethal dose, 50 percent
 - PBT: Persistent, Bioaccumulative and Toxic
 - vPvB: very Persistent and very Bioaccumulative
 - ATE: Acute toxicity estimate values
 - Flam. Liq. 3: Flammable liquids - Category 3
 - Skin Irrit. 2: Skin corrosion/irritation - Category 2
 - Skin Sens. 1B: Skin sensitisation - Category 1B
 - 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 Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1
 - Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard - Category 1
- Sources
 - ECHA European Chemical Agency - <http://echa.europa.eu/information-on-chemicals>
 - SDS of raw materials provided by producer/supplier.
 - DNEL/PNEC/Aquatic toxicity provided according to safety data sheet producer/supplier.
- * Data compared to the previous version altered.