

Safety data sheet
according to UK REACH

Printing date 04.05.2026

Version number 16 (replaces version 15)

Revision: 04.05.2026

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

- 1.1 Product identifier
- Trade name: Epifanes Fibreglass Filler (white & grey)
- 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)
 - SU21 Consumer uses: Private households / general public / consumers
- Product category PC9b Fillers, putties, plasters, modelling clay
- 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)
- Article category AC13 Plastic articles
- Application of the substance / the mixture
See our technical datasheet for application of this product.
filler for fibreglass above the waterline
- 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.



GHS08 health hazard

Repr. 2 H361d Suspected of damaging the unborn child.
STOT RE 1 H372 Causes damage to the hearing organs through prolonged or repeated exposure.

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GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

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



GHS02



GHS07



GHS08

- Signal word Danger
- Hazard-determining components of labelling:
styrene
- Hazard statements
H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H361d Suspected of damaging the unborn child.
H372 Causes damage to the hearing organs through prolonged or repeated exposure.
- 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:
Contains 25 % of components with unknown hazards to the aquatic environment.
- 2.3 Other hazards
The hardener-paste with plasticiser is added in a separated tube and contains 20 grams paste.
Dangerous component:
Dibenzoylperoxide CAS nr. 94-36-0 symbol : O, Xi
EINECS nr. 202-327-6 Risk phrases: R 2-36-43

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- Results of PBT and vPvB assessment
- PBT:
The product does not meet the criteria for PBT in accordance with UK REACH Annex XIII.
Not applicable
- 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:
Resin mixture
Solvent mixture with pigment additives

· Dangerous components:

CAS: 7727-43-7 EINECS: 231-784-4 Reg.nr.: 01-2119491274-35	Barium sulfate substance with a Community workplace exposure limit	>50-<100%
CAS: 100-42-5 EINECS: 202-851-5 Index number: 601-026-00-0 Reg.nr.: 01-2119422891-40	styrene Flam. Liq. 3, H226 Repr. 2, H361d; STOT RE 1, H372 Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319	>10-<30%
CAS: 2687-91-4 EINECS: 220-250-6 Index number: 616-208-00-5 Reg.nr.: 01-2119472138-36	N-Ethyl-2-Pyrrolidone Repr. 1B, H360D	<0.3%

- 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:
In case of unconsciousness place patient stably in side position for transportation.
- After skin contact:
Immediately wash with water and soap and rinse thoroughly.
Immediately rinse with water.

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- 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
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: Mouth 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:
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 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
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

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- 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: No special requirements.
- 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

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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

7727-43-7 Barium sulfate

WEL Long-term value: 10* 4** mg/m³
*inhalable dust **respirable dust

100-42-5 styrene

WEL Short-term value: 1080 mg/m³, 250 ppm
Long-term value: 430 mg/m³, 100 ppm

- Regulatory information WEL: EH40/2020

- DNEL (Derived No Effect Level) voor professionals

7727-43-7 Barium sulfate

Oral	Long-term - systemic effects.	13,000 mg/kg (consumer)
Inhalative	Long-term - systemic effects.	10 mg/m ³ (consumer)

100-42-5 styrene

Oral	Long-term - systemic effects.	2.1 mg/kg bw/dag (consumer)
Dermal	Long-term - systemic effects.	343 mg/kg bw/dag (consumer)
Inhalative	Long-term - systemic effects.	10.2 mg/m ³ (consumer)
	Acute - local effects.	182.75 mg/m ³ (consumer)
	Acute - systemic effects.	174.25 mg/m ³ (consumer)

2687-91-4 N-Ethyl-2-Pyrrolidone

Oral	Acute - systemic effects.	0.5 mg/kg/lg/dag (consumer)
Dermal	Lange termijn - systemische effecten.	0.5 mg/kg lg/dag (consumer)
Inhalative	Long-term - systemic effects.	1.2 mg/m ³ (consumer)
	Long-term - local effects.	1.2 mg/m ³ (consumer)

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· **DNEL (Derived No Effect Level) for general audience**
7727-43-7 Barium sulfate

Inhalative	Lange termijn systemische effecten.	10 mg/m ³ (Employees)
	Long-term - local effects.	10 mg/m ³ (Employees)

100-42-5 styrene

Dermal	Long-term - systemic effects.	406 mg/kg bw/day (Employees)
Inhalative	Acute - local effects	306 mg/m ³ (Employees)
	Acute - systemic effects.	289 mg/m ³ (Employees)
	Long-term - systemic effects.	85 mg/m ³ (Employees)

2687-91-4 N-Ethyl-2-Pyrrolidone

Dermal	Long-term - systemic effects.	4 mg/kg/dag (Employees)
Inhalative	Lange termijn systemische effecten.	16.75 mg/m ³ (Employees)
	Acute - local effects	20.1 mg/m ³ (Employees)
	Long-term - local effects.	10.05 mg/m ³ (Employees)

· **PNECs**
7727-43-7 Barium sulfate

Freshwater	115 µg/l (Freshwater)
Sediment (freshwater)	600.4 mg/kg sed dw (Freshwater)
STP	62.2 mg/l (Sewage treatment plant)
Soil	600.4 mg/kg (Freshwater)
Soil	207.7 mg/kg (soil)

100-42-5 styrene

Freshwater	0.028 mg/l (Freshwater)
Marine water	0.0028 mg/l (Marine water)
Sediment (freshwater)	0.614 mg/kg sed dw (Freshwater sediment)
Sediment (marine water)	0.307 mg/kg sed dw (5)
STP	5 mg/l (Segmentation, Targeting and Positioning)
Soil	0.0614 mg/kg (5)
Soil	0.2 mg/kg (soil)
Sediment	0.614 mg/kg (Freshwater sediment)

2687-91-4 N-Ethyl-2-Pyrrolidone

Sewage treatment plant	5 mg/l (Sewage treatment plant)
Intermittent	40 µg/l (Intermittent Release Water)
Freshwater	0.028 mg/l (Freshwater)
Marine water	0.0028 mg/l (Marine water)
Soil	0.2 mg/kg (soil)

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

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- 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:
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.
- 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.

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
- General Information
- Physical state Liquid

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• Colour:	White
• Odour:	Characteristic
• Odour threshold:	Not determined
• Melting point/freezing point:	Undetermined
• Boiling point or initial boiling point and boiling range	145 °C
• Flammability	Flammable.
• Lower and upper explosion limit	
• Lower:	1.2 Vol %
• Upper:	8.9 Vol %
• Flash point:	33 °C
• Auto-ignition temperature:	480 °C
• Decomposition temperature:	Not determined
• pH at 20 °C	7
• Viscosity:	
• Kinematic viscosity	Not determined
• 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:	6 hPa
• Density and/or relative density	
• Density at 20 °C:	2.17 g/cm ³
• 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:	25.0 %
• VOC content:	25.00 %
	VOC content:
	242.6 g/l / 2.02 lb/gal
• Solids content:	74.7 %
• Change in condition	
• Evaporation rate	Not determined

• Information with regard to physical hazard classes	
• Explosives	Void
• Flammable gases	Void

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· 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
- Primary irritant effect:
- 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 Void

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- Carcinogenicity
Based on available data, the classification criteria are not met.
- Reproductive toxicity
Suspected of damaging the unborn child.
- STOT-repeated exposure
Causes damage to the hearing organs through prolonged or repeated exposure.
- 11.2 Information on other hazards

· Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

- 12.1 Toxicity
- Aquatic toxicity: No further relevant information available.
- 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.
- 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 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.

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SECTION 14: Transport information

14.1 UN number or ID number - ADR, IMDG, IATA	UN3269
14.2 UN proper shipping name - ADR - IMDG, IATA	3269 POLYESTER RESIN KIT POLYESTER RESIN KIT
14.3 Transport hazard class(es) - ADR	 - Class - Label
IMDG, IATA	 - Class - Label
14.4 Packing group - ADR, IMDG, IATA	III
14.5 Environmental hazards: - Marine pollutant:	No
14.6 Special precautions for user - Hazard identification number (Kemler code): - EMS Number: - Stowage Category	Warning: Flammable liquids. - F-E, S-D B
14.7 Maritime transport in bulk according to IMO instruments	Not applicable
Transport/Additional information:	
- ADR - Limited quantities (LQ) - Excepted quantities (EQ) - Transport category - Tunnel restriction code	5L Code: E0 Not permitted as Excepted Quantity 3 E
- IMDG - Limited quantities (LQ)	5L

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· Excepted quantities (EQ)	Code: See SP340
· UN "Model Regulation":	UN 3269 POLYESTER RESIN KIT, 3, III

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	10-25

- 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

H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.

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H360D May damage the unborn child.

H361d Suspected of damaging the unborn child.

H372 Causes damage to organs through prolonged or repeated exposure.

- 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)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

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. 1B: Reproductive toxicity - Category 1B

Repr. 2: Reproductive toxicity - Category 2

STOT RE 1: Specific target organ toxicity (repeated exposure) - 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.