

SAFETY DATA SHEET

RESION Floor Primer SF Base White

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

1.1. Product identifier

▼ Trade name

RESION Floor Primer SF Base White

Product no.

FS101W

▼ Unique formula identifier (UFI)

4MJ0-H0V0-M005-956V

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture

Epoxy binder

Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet

Company and address

Polyestershoppen BV

Oostbaan 680

2841 ML Moordrecht

Netherlands

+31 85 0220090

Contact person

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E-mail

info@polyestershoppen.nl

▼ Revision

21/05/2026

▼ SDS Version

3.0

Date of previous version

11/04/2024 (2.0)

1.4. ▼ Emergency telephone number

Healthcare professionals: Dial 0344 892 0111 to reach The National Poisons Information Service (NPIS) (24 hour service)

General public:

England - Dial 111 to reach NHS 111 (24 hour service)

Scotland - Dial 111 to reach NHS 24 (24 hour service)

Wales - Dial 111 or 0845 4647 to reach NHS Direct (24 hour service)

See section 4 "First aid measures".

SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

2.1. Classification of the substance or mixture

Skin Irrit. 2; H315, Causes skin irritation.

Skin Sens. 1; H317, May cause an allergic skin reaction.

Eye Irrit. 2; H319, Causes serious eye irritation.

Aquatic Chronic 2; H411, Toxic to aquatic life with long lasting effects.

2.2. ▼ Label elements

Hazard pictogram(s)



Signal word

Warning

Hazard statement(s)

Causes skin irritation. (H315)

May cause an allergic skin reaction. (H317)

Causes serious eye irritation. (H319)

Toxic to aquatic life with long lasting effects. (H411)

▼ Precautionary statement(s)

General

If medical advice is needed, have product container or label at hand. (P101)

Keep out of reach of children. (P102)

Prevention

Avoid breathing mist/vapour. (P261)

Wash hands thoroughly after handling. (P264)

Wear eye protection/protective gloves/protective clothing. (P280)

Response

IF ON SKIN: Wash with plenty of water and soap. (P302+P352)

If skin irritation or rash occurs: Get medical advice/attention. (P333+P313)

▼ Storage

Not applicable.

▼ Disposal

Dispose of contents/container in accordance with local regulation.
(P501)

▼ Hazardous substances

bis-[4-(2,3-epoxipropoxy)phenyl]propane

[[[2-ethylhexyl)oxy)methyl]oxirane

Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

Reaction products of hexane-1,6-diol with 2-(chloromethyl)oxirane (1:2)

▼ Additional labelling

EUH205, Contains epoxy constituents. May produce an allergic reaction.

UFI: 4MJ0-H0V0-M005-956V

2.3. Other hazards

▼ Additional warnings

Contains epoxy constituents. May produce an allergic reaction.

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification. This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable. This product is a mixture.

3.2. ▼ Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
bis-[4-(2,3-epoxipropoxy)phenyl]propane	CAS No.: 1675-54-3 EC No.: 216-823-5 UK-REACH: 01-2119456619-26-XXXX Index No.: 603-073-00-2	60-80%	Skin Irrit. 2, H315 (SCL: 5.00 %) Skin Sens. 1, H317 Eye Irrit. 2, H319 (SCL: 5.00 %) Aquatic Chronic 2, H411	
[[[2-ethylhexyl)oxy)methyl]oxirane	CAS No.: 2461-15-6 EC No.: 219-553-6 UK-REACH: 01-2119962196-31-XXXX Index No.:	10-15%	Skin Irrit. 2, H315 Skin Sens. 1, H317	
Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol	CAS No.: 9003-36-5 EC No.: 500-006-8 UK-REACH: 01-2119454392-40-XXXX Index No.:	5-10%	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411	
Reaction products of hexane-1,6-diol with 2-(chloromethyl)oxirane (1:2)	CAS No.: 933999-84-9 EC No.: 618-939-5 UK-REACH: 01-2119463471-41-XXXX Index No.:	<0.25%	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319 Aquatic Chronic 3, H412	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

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SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact

IF ON SKIN: Wash with plenty of water and soap.

Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

Eye contact

If in eyes: Flush eyes immediately with plenty of water or isotonic water (20-30 °C) for at least 5 minutes and continue until irritation stops. Remove contact lenses. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

Ingestion

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

Burns

Not applicable.

4.2. Most important symptoms and effects, both acute and delayed

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact.

Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

4.3. Indication of any immediate medical attention and special treatment needed

If skin irritation or rash occurs: Get medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO₂)

5.3. ▼ Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

Ensure adequate ventilation, especially in confined areas.

Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

6.3. ▼ Methods and material for containment and cleaning up

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material

Always store in containers of the same material as the original container.

Storage conditions

Adequately ventilated premises

Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$]
Long term exposure limit (8 hours) (mg/m^3): 10(inhalable)/4(respirable)

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.
EH40/2005 Workplace exposure limits (Fourth Edition 2020).

DNEL

bis-[4-(2,3-epoxipropoxy)phenyl]propane

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	0.0893 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	0.75 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	0.87 mg/m ³
Long term – Systemic effects - Workers	Inhalation	4.93 mg/m ³
Short term – Systemic effects - General population	Oral	0.5 mg/kg bw/day

Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	62.5 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	104.15 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	8.7 mg/m ³
Long term – Systemic effects - Workers	Inhalation	29.39 mg/m ³
Long term – Systemic effects - General population	Oral	6.25 mg/kg bw/day

Reaction products of hexane-1,6-diol with 2-(chloromethyl)oxirane (1:2)

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Dermal	13.6 µg/cm ²
Long term – Local effects - Workers	Dermal	22.6 µg/cm ²
Long term – Systemic effects - General population	Dermal	3 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	6 mg/kg bw/day
Short term – Local effects - General population	Dermal	13.6 µg/cm ²
Short term – Local effects - Workers	Dermal	22.6 µg/cm ²
Long term – Local effects - General population	Inhalation	270 µg/m ³
Long term – Local effects - Workers	Inhalation	440 µg/m ³
Long term – Systemic effects - General population	Inhalation	5.29 mg/m ³
Long term – Systemic effects - Workers	Inhalation	10.57 mg/m ³
Short term – Systemic effects - General population	Inhalation	5.29 mg/m ³
Short term – Systemic effects - Workers	Inhalation	10.57 mg/m ³
Long term – Systemic effects - General population	Oral	1.5 mg/kg bw/day
Short term – Systemic effects - General population	Oral	1.5 mg/kg bw/day

titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Inhalation	28 µg/m ³
Long term – Local effects - Workers	Inhalation	170 µg/m ³

▼ PNEC

[[[2-ethylhexyl)oxy]methyl]oxirane

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		0.007 mg/L
Freshwater sediment		286.66 mg/kg
Intermittent release (freshwater)		0.072 mg/L
Marine water		0.001 mg/L
Marine water sediment		28.66 mg/kg
Sewage treatment plant		10 mg/L
Soil		57.16 mg/kg

bis-[4-(2,3-epoxipropoxy)phenyl]propane

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater	Single	0.006 mg/L
Freshwater sediment	Single	0.341 mg/kg
Marine water	Single	0.001 mg/L
Marine water sediment	Single	0.034 mg/kg
Sewage treatment plant	Single	10 mg/L
Soil	Single	0.065 mg/kg

Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

Route of exposure:	Duration of Exposure:	PNEC:
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Freshwater	Single	0.003 mg/L
Freshwater sediment		0.294 mg/kg
Intermittent release	Single	0.025 mg/L
Marine water	Single	0 mg/L
Marine water sediment	Single	0.029 mg/kg
Sewage treatment plant	Single	10 mg/L
Soil	Single	0.237 mg/kg

Reaction products of hexane-1,6-diol with 2-(chloromethyl)oxirane (1:2)

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		11.5 µg/L
Freshwater sediment		283 µg/kg
Intermittent release (freshwater)		115 µg/L
Marine water		1.15 µg/L
Marine water sediment		28.3 µg/kg
Sewage treatment plant		1 mg/L
Soil		223 µg/kg

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures

Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally

Use only UKCA marked protective equipment.

▼ Respiratory Equipment

Work situation	Type	Class	Colour	Standards
	Respiratory protection is not needed in the event of adequate ventilation	-	-	-

Work situation	Type	Class	Colour	Standards	
In case of inadequate ventilation	A	Class 2 (medium capacity)	Brown	EN14387	

Skin protection

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn	-	-	

▼ Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0.4	> 480	EN374-2, EN16523-1, EN388	

Eye protection

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

White

Odour / Odour threshold

Characteristic

▼ pH

No data available.

Density (g/cm³)

1.13787 (20 °C)

▼ Kinematic viscosity

No data available.

Particle characteristics

Does not apply to liquids.

Phase changes

▼ Melting point/Freezing point (°C)

No data available.

Softening point/range (°C)

Does not apply to liquids.

Boiling point (°C)

201

Vapour pressure

<2 hPa (20 °C)

▼ Relative vapour density

No data available.

▼ Decomposition temperature (°C)

No data available.

Data on fire and explosion hazards

Flash point (°C)

140

▼ Flammability (°C)

No data available.

Auto-ignition temperature (°C)

230

▼ Lower and upper explosion limit (% v/v)

No data available.

Solubility

Solubility in water

Insoluble

▼ n-octanol/water coefficient (LogKow)

No data available.

▼ Solubility in fat (g/L)

No data available.

9.2. Other information

Other physical and chemical parameters

No data available.

▼ Oxidizing properties

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. ▼ Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

▼ Acute toxicity

Product/substance: bis-[4-(2,3-epoxipropoxy)phenyl]propane
 Species: Rat
 Route of exposure: Oral
 Test: LD50
 Result: 15000 mg/kg

Product/substance: bis-[4-(2,3-epoxipropoxy)phenyl]propane
 Species: Rabbit
 Route of exposure: Dermal
 Test: LD50
 Result: 23000 mg/kg

Product/substance: [[(2-ethylhexyl)oxy]methyl]oxirane
 Species: Rat
 Route of exposure: Oral
 Result: 5000 mg/kg bw

Product/substance: [[(2-ethylhexyl)oxy]methyl]oxirane
 Route of exposure: Dermal
 Result: 2000 mg/kg bw

Product/substance: titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$]
 Test method: OECD 401
 Species: Rat, male/female
 Route of exposure: Oral
 Test: LD50
 Result: >2000 mg/kg bw

Product/substance: titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$]
 Test method: OECD 403
 Species: Rat, male
 Route of exposure: Inhalation
 Test: LC50 (4 hours)
 Result: >5.09 mg/L

Product/substance: Reaction products of hexane-1,6-diol with 2-(chloromethyl)oxirane (1:2)
 Species: Rat
 Route of exposure: Oral
 Test: LD50
 Result: 2900 mg/kg

Product/substance: Reaction products of hexane-1,6-diol with 2-(chloromethyl)oxirane (1:2)
 Species: Rat
 Route of exposure: Dermal
 Test: LD50
 Result: >4900 mg/kg

Based on available data, the classification criteria are not met.

▼ Skin corrosion/irritation

Product/substance: [[(2-ethylhexyl)oxy]methyl]oxirane
 Result: Adverse effect observed (Irritating)

Product/substance

titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$]

Test method: OECD 404

Species: Rabbit

Duration: 4 hours

Result: No adverse effect observed (Not irritating)

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

▼ Respiratory sensitization

Product/substance

titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$]

Test method: OECD 429

Species: Mouse, female

Result: No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

▼ Skin sensitisation

Product/substance [[(2-ethylhexyl)oxy]methyl]oxirane

Result: Adverse effect observed (sensitising)

Product/substance

titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$]

Test method: OECD 429

Species: Mouse, female

Result: No adverse effect observed (not sensitising)

May cause an allergic skin reaction.

▼ Germ cell mutagenicity

Product/substance

titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$]

Test method: OECD 473

Species: Mouse, Chinese Hamster Ovary (CHO)

Conclusion: No adverse effect observed

Product/substance

titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$]

Test method: OECD 471

Species: Bacteria, *S. typhimurium*

Conclusion: No adverse effect observed

Product/substance

titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$]

Test method: OECD 474

Species: Mouse, male/female

Conclusion: No adverse effect observed

Based on available data, the classification criteria are not met.

▼ Carcinogenicity

Product/substance

titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$]

Test method: OESO 453

Species: Rat, male/female

Route of exposure: Inhalation

Target organ: Lung

Duration: 24 months

Test: NOAEC
Result: 5 mg/m³
Conclusion: No adverse effect observed

Product/substance
titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]
Species: Rat, male/female
Route of exposure: Oral
Duration: 24 months
Test: NOAEL
Result: 50000 ppm
Conclusion: No adverse effect observed

Based on available data, the classification criteria are not met.

▼ Reproductive toxicity

Product/substance
titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]
Test method: OECD 414
Species: Rat
Duration: 14 days
Test: NOAEL
Result: 1000 mg/kg bw/day
Conclusion: No adverse effect observed

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

▼ Symptoms related to the physical, chemical and toxicological characteristics

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs.
Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

11.2. Information on other hazards

▼ Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information

bis-[4-(2,3-epoxipropoxy)phenyl]propane has been classified by IARC as a group 3.
titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] has been classified by IARC as a group 2B.

SECTION 12: Ecological information

12.1. ▼ Toxicity

Product/substance bis-[4-(2,3-epoxipropoxy)phenyl]propane
Species: Fish
Duration: 96 hours
Test: LC50
Result: 2 mg/L

Product/substance bis-[4-(2,3-epoxipropoxy)phenyl]propane
Species: Daphnia

Duration: 48 hours
 Test: EC50
 Result: 1.8 mg/L

Product/substance bis-[4-(2,3-epoxipropoxy)phenyl]propane
 Species: Algae
 Duration: 72 hours
 Test: EC50
 Result: 11 mg/L

Product/substance [[(2-ethylhexyl)oxy]methyl]oxirane
 Species: Fish
 Duration: 96 hours
 Test: LC50
 Result: 5000 mg/L

Product/substance [[(2-ethylhexyl)oxy]methyl]oxirane
 Species: Algae
 Test: EC50
 Result: 7.2 mg/L

Product/substance titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$]
 Species: Fish
 Compartment: Freshwater
 Test: LC50
 Result: $>1000 \text{ mg/L}$

Product/substance titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$]
 Species: Crustacean
 Compartment: Freshwater
 Test: EC50
 Result: $>1000 \text{ mg/L}$

Product/substance titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$]
 Test method: OECD 201
 Species: Algae, Pseudokirchneriella subcapitata
 Compartment: Freshwater
 Duration: 72 hours
 Test: EC50
 Result: $>100 \text{ mg/L}$

Product/substance titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$]
 Test method: OECD 201
 Species: Algae, Pseudokirchneriella subcapitata
 Compartment: Freshwater
 Duration: 72 hours
 Test: NOEC
 Result: $>100 \text{ mg/L}$

Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

Based on available data, the classification criteria are not met.

12.3. Bioaccumulative potential

Based on available data, the classification criteria are not met.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. ▼ Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste. (*)

HP 4 - Irritant (skin irritation and eye damage)

HP 13 - Sensitising

HP 14 - Ecotoxic

Dispose of contents/container to an approved waste disposal plant.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

EWC code

07 02 99 Wastes not otherwise specified

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR/A DN/RID	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bis- [4-(2,3- epoxipropoxy)phenyl]propane)	Transport hazard class: 9 Label: 9 Classification code: M6 	III	Yes	Limited quantities: 5 L Tunnel restriction code: (-) See below for additional information.
IMDG	3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bis- [4-(2,3- epoxipropoxy)phenyl]propane)	Transport hazard class: 9 Label: 9 Classification code: M6 	III	Yes	Limited quantities: 5 L EmS: F-A S-F See below for additional information.
IATA	3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bis-	Transport hazard class: 9 Label: 9	III	Yes	See below for additional information.

14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
	[4-(2,3-epoxipropoxy)phenyl]propane)	Classification code: M6 			

* Packing group

** Environmental hazards

▼ Additional information

This product is within scope of the regulations of transport of dangerous goods.

These substances when carried in single or combination packaging's containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids, are not subject to any other provisions of ADR/ADN/RID/IMDG/IATA provided the packaging's meet the general provisions of 4.1.1.1, 4.1.1.2, 4.1.1.4 - 4.1.1.8 (ADR, IMDG) / 5.0.2.4.1, 5.0.2.6.1.1, 5.0.2.8 (IATA).

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ADR/ADN/RID / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Restrictions for application

People under the age of 18 shall not be exposed to this product.

Demands for specific education

Use of this product requires dedicated training in work with polyurethane and epoxy products.

SEVESO - Categories / dangerous substances

E2 - ENVIRONMENTAL HAZARDS, Qualifying quantity (lower-tier): 200 tonnes / (upper-tier): 500 tonnes

Additional information

Not applicable.

Sources

The Management of Health and Safety at Work Regulations 1999.

Control of Major Accident Hazards (COMAH) Regulations 2015.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H411, Toxic to aquatic life with long lasting effects.
H412, Harmful to aquatic life with long lasting effects.

▼ Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne (European conformity)
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EC = Effective concentration
ED = Effective dose
EINECS = European Inventory of Existing Commercial chemical Substances
EL = Effective Loading
ErC = Concentration associated with x% growth rate response
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EuPCS = European Product Categorisation System
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
GWP = Global warming potential
HP = Hazardous Property code
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IC = X maximum inhibitory concentration
IMDG = International Maritime Dangerous Goods
LC = Lethal concentration
LCLo = Value is the lowest concentration of a material in air reported to have caused the death of animals or humans
LD = Lethal dose
LOAEC = Lowest Observed Adverse Effect Concentration
LOAEL = Lowest Observed Adverse Effect Level
LOEC = Lowest Observed Effect Concentration
LogKow = logarithm of the n-octanol/water coefficient
LL = Lethal Loading
M = For multiplication factor
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
NOAEC = No Observed Adverse Effect Concentration
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
NOELR = No Observable Effect Loading Rate
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SCL = A specific concentration limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The classification of the substance/mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The safety data sheet is validated by

H.A.B.

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

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