

**Trade name:** WIDOPOX-Spezialgrundierung 2K (A)

**Current version :** 7.0.0, issued: 17.06.2025

**Replaced version:** 5.0.0, issued: 15.12.2023

**Region:** GB

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

### 1.1 Product identifier

**Trade name**

**WIDOPOX-Spezialgrundierung 2K (A)**

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

**Relevant identified uses of the substance or mixture**

General chemical processes

**Uses advised against**

No data available.

### 1.3 Details of the supplier of the safety data sheet

**Address**

Widopan Produkte GmbH  
Ostereichen 3  
D-21714 Hammah

Telephone no. +49 (0) 4144 69821-0

Fax no. +49 (0) 4144 69821-20

**Information provided by / telephone**

+49 (0) 4144 69821-0

**Advice on Safety Data Sheet**

sdb\_info@umco.de

**Details of the importer**

**Address**

Widopan Limited  
System House  
Horndon Industrial Park  
24 Station Rd  
West Horndon  
Brentwood  
CM13 3XL

### 1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification in accordance with Regulation (EC) No 1272/2008 (CLP)**

Aquatic Chronic 2; H411

Eye Irrit. 2; H319

Repr. 1B; H360F

Skin Irrit. 2; H315

Skin Sens. 1; H317

**Classification information**

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

### 2.2 Label elements

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**Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)****Hazard pictograms**

GHS07



GHS08



GHS09

**Signal word**

Danger

**Hazardous component(s) to be indicated on label:**

reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight  $\leq$  700)  
 Formaldehyde, polymer with (chloromethyl)oxirane and phenol  
 oxirane, mono[[C12-14-alkyloxy)methyl] derivs.

**Hazard statement(s)**

H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H319 Causes serious eye irritation.  
 H360F May damage fertility.  
 H411 Toxic to aquatic life with long lasting effects.

**Precautionary statement(s)**

P201 Obtain special instructions before use.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P308+P313 IF exposed or concerned: Get medical advice/attention.  
 P391 Collect spillage.

**Supplemental label elements**

"Restricted to professional users"

**2.3 Other hazards**

This product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**PBT assessment**

According to the information provided in the supply chain: The product contains no components with  $>$  0.1% that are considered PBT.

**vPvB assessment**

According to the information provided in the supply chain: The product contains no components with  $>$  0.1% that are considered vPvB.

**SECTION 3: Composition/information on ingredients****3.1 Substances**

Not applicable. The product is not a substance.

**3.2 Mixtures****Chemical characterization**

Mixture (preparation)

**Hazardous ingredients**

No	Substance name		Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration	%
1	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight $\leq$ 700)			

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	25068-38-6 500-033-5 603-074-00-8 01-2119456619-26	Aquatic Chronic 2; H411 Eye Irrit. 2; H319 Skin Irrit. 2; H315 Skin Sens. 1; H317	>= 50.00 - < 80.00	wt%
2	<b>Formaldehyde, polymer with (chloromethyl)oxirane and phenol</b>			
	9003-36-5 500-006-8 - 01-2119454392-40	Aquatic Chronic 2; H411 Skin Irrit. 2; H315 Skin Sens. 1; H317	>= 10.00 - < 25.00	wt%
3	<b>oxirane, mono[(C12-14-alkyloxy)methyl] derivs.</b>			
	68609-97-2 271-846-8 603-103-00-4 01-2119485289-22	Skin Irrit. 2; H315 Skin Sens. 1; H317 Repr. 1B; H360F	>= 5.00 - < 10.00	wt%
4	<b>benzyl alcohol</b>			
	100-51-6 202-859-9 603-057-00-5 01-2119492630-38	Acute Tox. 4; H302 Acute Tox. 4; H332 Eye Irrit. 2; H319	>= 5.00 - < 10.00	wt%

Full text of H- and EUH-phrases, if not already mentioned in section 2.2: see section 16.

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
1	-	Eye Irrit. 2; H319: C >= 5% Skin Irrit. 2; H315: C >= 5%	-	-

**Acute toxicity estimate (ATE) values**

No	oral	dermal	inhalative
4	1620 mg/kg bodyweight		

**SECTION 4: First aid measures****4.1 Description of first aid measures****General information**

In case of accident or if you feel unwell, seek medical advice immediately. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing.

**After inhalation**

Remove affected person from the immediate area. Ensure supply of fresh air. Irregular breathing/no breathing: artificial respiration. Call a doctor immediately.

**After skin contact**

Wash off immediately with soap and water. Seek medical attention.

**After eye contact**

Separate eyelids, wash the eyes thoroughly with water (15 min.). Seek medical assistance.

**After ingestion**

Do not induce vomiting. Rinse the mouth thoroughly with water. Call a doctor immediately. Never give anything by mouth to an unconscious person.

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

No data available.

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

No data available.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing media**

Foam; Extinguishing powder; Water spray jet; Carbon dioxide

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High power water jet

**5.2 Special hazards arising from the substance or mixture**In the event of fire, the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO); Nitrogen oxides (NO<sub>x</sub>)**5.3 Advice for firefighters**

Use self-contained breathing apparatus. Run-off water from fire fighting must not be discharged into drains or enter surface water. Wear protective clothing.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Refer to protective measures listed in sections 7 and 8. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Keep away from ignition sources.

**For emergency responders**

No data available. Personal protective equipment (PPE) - see Section 8.

**6.2 Environmental precautions**

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

**6.3 Methods and material for containment and cleaning up**

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). When collected, handle material as described under the section heading "Disposal considerations".

**6.4 Reference to other sections**

No data available.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling****Advice on safe handling**

Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances.

**General protective and hygiene measures**

At work do not eat, drink, smoke or take drugs. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Wash hands before breaks and after work. Provide eye wash fountain in work area. Have emergency shower available. Do not inhale vapours. Use barrier skin cream.

**Advice on protection against fire and explosion**

Keep away from sources of heat and ignition.

**7.2 Conditions for safe storage, including any incompatibilities****Technical measures and storage conditions**

Keep container tightly closed in a cool, well-ventilated place. Protect from heat and direct sunlight. Keep from freezing. Protect from atmospheric moisture and water.

**Requirements for storage rooms and vessels**

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original. Emptied containers may contain product residues and therefore must be handled with care.

Reuse only after appropriate cleaning.

**Incompatible products**

Do not store together with foodstuffs. Do not store together with: oxidizing agents

**7.3 Specific end use(s)**

No data available.

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**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****DNEL, DMEL and PNEC values****DNEL values (worker)**

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	<b>reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700)</b>			<b>25068-38-6</b> <b>500-033-5</b>	
	dermal	Long term (chronic)	systemic	0.75	mg/kg bw/day
	inhalative	Long term (chronic)	systemic	4.93	mg/m <sup>3</sup>
2	<b>Formaldehyde, polymer with (chloromethyl)oxirane and phenol</b>			<b>9003-36-5</b> <b>500-006-8</b>	
	dermal	Long term (chronic)	systemic	104.15	mg/kg/day
	inhalative	Long term (chronic)	systemic	29.39	mg/m <sup>3</sup>
3	<b>oxirane, mono[(C12-14-alkyloxy)methyl] derivs.</b>			<b>68609-97-2</b> <b>271-846-8</b>	
	dermal	Long term (chronic)	systemic	0.75	mg/kg/day
	inhalative	Long term (chronic)	systemic	0.49	mg/m <sup>3</sup>
4	<b>benzyl alcohol</b>			<b>100-51-6</b> <b>202-859-9</b>	
	dermal	Long term (chronic)	systemic	8	mg/kg/day
	dermal	Short term (acut)	systemic	40	mg/kg/day
	inhalative	Long term (chronic)	systemic	22	mg/m <sup>3</sup>
	inhalative	Short term (acut)	systemic	110	mg/m <sup>3</sup>

**DNEL value (consumer)**

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	<b>reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700)</b>			<b>25068-38-6</b> <b>500-033-5</b>	
	oral	Long term (chronic)	systemic	0.5	mg/kg bw/day
	dermal	Long term (chronic)	systemic	89.3	µg/kg bw/day
	inhalative	Long term (chronic)	systemic	0.87	mg/m <sup>3</sup>
2	<b>Formaldehyde, polymer with (chloromethyl)oxirane and phenol</b>			<b>9003-36-5</b> <b>500-006-8</b>	
	oral	Long term (chronic)	systemic	6.25	mg/kg bw/day
	dermal	Long term (chronic)	systemic	62.5	mg/kg bw/day
	inhalative	Long term (chronic)	systemic	8.7	mg/m <sup>3</sup>
3	<b>oxirane, mono[(C12-14-alkyloxy)methyl] derivs.</b>			<b>68609-97-2</b> <b>271-846-8</b>	
	oral	Long term (chronic)	systemic	50.00	µg/kg/day
	dermal	Long term (chronic)	systemic	89.00	µg/kg/day
	inhalative	Long term (chronic)	systemic	87.00	µg/m <sup>3</sup>
4	<b>benzyl alcohol</b>			<b>100-51-6</b> <b>202-859-9</b>	
	oral	Long term (chronic)	systemic	4	mg/kg/day
	oral	Short term (acut)	systemic	20	mg/kg/day
	dermal	Long term (chronic)	systemic	4	mg/kg/day
	dermal	Long term (chronic)	systemic	20	mg/kg/day
	inhalative	Long term (chronic)	systemic	5.4	mg/m <sup>3</sup>
	inhalative	Short term (acut)	systemic	27	mg/m <sup>3</sup>

**PNEC values**

No	Substance name		CAS / EC no
	ecological compartment	Type	Value

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1	<b>reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight <math>\leq</math> 700)</b>		<b>25068-38-6</b> <b>500-033-5</b>
	water	fresh water	0.006 mg/L
	water	marine water	0.001 mg/L
	water	fresh water sediment	0.341 mg/kg dry weight
	water	marine water sediment	0.034 mg/kg dry weight
	soil	-	0.065 mg/kg dry weight
	sewage treatment plant	-	10 mg/L
	secondary poisoning	-	11 mg/kg food
2	<b>Formaldehyde, polymer with (chloromethyl)oxirane and phenol</b>		<b>9003-36-5</b> <b>500-006-8</b>
	water	fresh water	0.003 mg/L
	water	marine water	0.0003 mg/L
	water	Aqua intermittent	0.0254 mg/L
	water	fresh water sediment	0.294 mg/kg dry weight
	water	marine water sediment	0.0294 mg/kg dry weight
	soil	-	0.237 mg/kg dry weight
	sewage treatment plant	-	10 mg/L
3	<b>oxirane, mono[(C12-14-alkyloxy)methyl] derivs.</b>		<b>68609-97-2</b> <b>271-846-8</b>
	water	fresh water	1.12 mg/L
	water	marine water	0.112 mg/L
	water	fresh water sediment	1.05 mg/kg
	with reference to: dry weight		
	water	marine water sediment	0.105 mg/kg
	with reference to: dry weight		
	soil	-	20.00 mg/kg
	with reference to: dry weight		
	sewage treatment plant	-	10.00 mg/L
4	<b>benzyl alcohol</b>		<b>100-51-6</b> <b>202-859-9</b>
	water	fresh water	1 mg/L
	water	marine water	0.1 mg/L
	water	fresh water sediment	5.27 mg/kg
	with reference to: dry weight		
	water	marine water sediment	0.527 mg/kg
	with reference to: dry weight		
	soil	-	0.456 mg/kg
	with reference to: dry weight		
	sewage treatment plant	-	39 mg/L

## 8.2 Exposure controls

### Appropriate engineering controls

No data available.

### Personal protective equipment

#### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

#### Eye / face protection

Safety glasses with side protection shield (EN 166)

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**Hand protection**

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material                      NBR  
 Appropriate Material                      butyl rubber

**Other**

Normal chemical work clothing.

**Environmental exposure controls**

No data available.

**SECTION 9: Physical and chemical properties**
**9.1 Information on basic physical and chemical properties**

<b>State of aggregation</b>	
liquid	
<b>Form</b>	
liquid	
<b>Colour</b>	
transparent	
<b>Odour</b>	
characteristic	
<b>pH value</b>	
reason for missing pH	substance/mixture is non-soluble (in water)
<b>Boiling point / boiling range</b>	
No data available	
<b>Melting point/freezing point</b>	
No data available	
<b>Decomposition temperature</b>	
No data available	
<b>Flash point</b>	
Value	> 95 °C
<b>Ignition temperature</b>	
No data available	
<b>Flammability</b>	
No data available	
<b>Lower explosion limit</b>	
No data available	
<b>Upper explosion limit</b>	
No data available	
<b>Vapour pressure</b>	
no data available	
<b>Relative vapour density</b>	
No data available	
<b>Relative density</b>	

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No data available

Density			
Value	~	1.13	g/cm <sup>3</sup>
Reference temperature		23	°C

Solubility in water	
Comments	immiscible

Solubility	
No data available	

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700)	25068-38-6	500-033-5
	log Pow	appr.	3
	Reference temperature		25 °C
	with reference to	pH 7	
	Method	OECD 117	
	Source	ECHA	
2	oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	271-846-8
	log Pow		3.77
	Reference temperature		20 °C
	Method	OECD 107	
	Source	ECHA	
3	benzyl alcohol	100-51-6	202-859-9
	log Pow		1.05
	Reference temperature		20 °C
	Source	ECHA	

Kinematic viscosity			
Value	~	750	mPa*s
Reference temperature		23	°C
Type	dynamic		

Particle characteristics	
No data available	

## 9.2 Other information

Other information	
No data available.	

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

No data available.

### 10.3 Possibility of hazardous reactions

No data available.

### 10.4 Conditions to avoid

Moisture; Keep from freezing. Heat

### 10.5 Incompatible materials

Oxidizing agents

### 10.6 Hazardous decomposition products

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No hazardous decomposition products known.

**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Acute oral toxicity (result of the ATE calculation for the mixture)	
Product Name	
WIDOPOX-Spezialgrundierung 2K (A)	
Comments	The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE oral > 2000 mg/kg).

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700)	25068-38-6	500-033-5
LD50	>	2000	mg/kg bodyweight
Species	rat		
Method	OECD 420		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	Formaldehyde, polymer with (chloromethyl)oxirane and phenol	9003-36-5	500-006-8
LD50	>	5000	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
3	oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	271-846-8
LD50	>	2000	mg/kg bodyweight
Species	rat		
Source	ECHA		
4	benzyl alcohol	100-51-6	202-859-9
LD50	=	1620	mg/kg bodyweight
Species	rat		
Source	ECHA		

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	Formaldehyde, polymer with (chloromethyl)oxirane and phenol	9003-36-5	500-006-8
LD50	>	2000	mg/kg bodyweight
Species	rat		
Method	OECD 402		
Source	ECHA		
2	oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	271-846-8
LD50	>=	4000	mg/kg bodyweight
Species	rabbit		
Source	ECHA		

Acute inhalational toxicity (result of the ATE calculation for the mixture)	
Product Name	
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Comments	The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE for inhalation: > 20.000 ppmV (gases), > 20 mg/l (vapours), > 5 mg/l (dusts/mists)).
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Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	benzyl alcohol	100-51-6	202-859-9
LC50	>	4.178	mg/l
Duration of exposure		4	h
State of aggregation	mist		
Species	rat		
Method	OECD 403		
Source	ECHA		

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700)	25068-38-6	500-033-5
Duration of exposure		4	h
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	low-irritant		
2	Formaldehyde, polymer with (chloromethyl)oxirane and phenol	9003-36-5	500-006-8
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	low-irritant		
Evaluation/classification	Based on available data, the classification criteria are met.		
3	oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	271-846-8
Species	rabbit		
Method	EPA OTS 798.4470		
Source	ECHA		
Evaluation	irritant		
4	benzyl alcohol	100-51-6	202-859-9
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	non-irritant		

Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700)	25068-38-6	500-033-5
Species	guinea pig		
Method	OECD 404		
Source	ECHA		
Evaluation	low-irritant		
2	Formaldehyde, polymer with (chloromethyl)oxirane and phenol	9003-36-5	500-006-8
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	non-irritant		

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<b>3</b>	<b>oxirane, mono[(C12-14-alkyloxy)methyl] derivs.</b>	<b>68609-97-2</b>	<b>271-846-8</b>
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	non-irritant		
<b>4</b>	<b>benzyl alcohol</b>	<b>100-51-6</b>	<b>202-859-9</b>
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	irritant		

**Respiratory or skin sensitisation**

No	Substance name	CAS no.	EC no.
<b>1</b>	<b>reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700)</b>	<b>25068-38-6</b>	<b>500-033-5</b>
Route of exposure		Skin	
Species	mouse		
Method	OECD 429		
Source	ECHA		
Evaluation	sensitizing		
<b>2</b>	<b>Formaldehyde, polymer with (chloromethyl)oxirane and phenol</b>	<b>9003-36-5</b>	<b>500-006-8</b>
Route of exposure		Skin	
Species	mouse		
Method	OECD 429		
Source	ECHA		
Evaluation	sensitizing		

**Germ cell mutagenicity**

No	Substance name	CAS no.	EC no.
<b>1</b>	<b>oxirane, mono[(C12-14-alkyloxy)methyl] derivs.</b>	<b>68609-97-2</b>	<b>271-846-8</b>
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

**Reproduction toxicity**

No data available

**Carcinogenicity**

No	Substance name	CAS no.	EC no.
<b>1</b>	<b>benzyl alcohol</b>	<b>100-51-6</b>	<b>202-859-9</b>
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

**STOT - single exposure**

No data available

**STOT - repeated exposure**

No	Substance name	CAS no.	EC no.
<b>1</b>	<b>Formaldehyde, polymer with (chloromethyl)oxirane and phenol</b>	<b>9003-36-5</b>	<b>500-006-8</b>
Route of exposure		oral	
NOAEL	appr.	250	mg/kg bw/d
Duration of exposure		90	day(s)
Species	rats (male/female)		
Method	OECD 408		
Source	ECHA		

**Aspiration hazard**

No data available

**Endocrine disrupting properties**

Trade name: WIDOPOX-Spezialgrundierung 2K (A)

Current version : 7.0.0, issued: 17.06.2025

Replaced version: 5.0.0, issued: 15.12.2023

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No data available

**11.2 Information on other hazards****Other information**

No data available.

**SECTION 12: Ecological information****12.1 Toxicity**

<b>Toxicity to fish (acute)</b>			
No	Substance name	CAS no.	EC no.
1	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight $\leq$ 700)	25068-38-6	500-033-5
LC50		1.5	mg/l
Duration of exposure		96	h
Species	Salmo gairdneri		
Method	OECD 203		
Source	ECHA		
2	Formaldehyde, polymer with (chloromethyl)oxirane and phenol	9003-36-5	500-006-8
LC50		>	1000 mg/l
Duration of exposure		96	h
Species	Oncorhynchus mykiss		
Method	OECD 203		
Source	ECHA		
3	oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	271-846-8
LL50		>	100 mg/l
Duration of exposure		96	h
Species	Oncorhynchus mykiss		
Method	OECD 203		
Source	ECHA		
4	benzyl alcohol	100-51-6	202-859-9
LC50		460	mg/l
Duration of exposure		96	h
Species	Pimephales promelas		
Method	EPA OPP 72-1		
Source	ECHA		

**Toxicity to fish (chronic)**

No data available

**Toxicity to Daphnia (acute)**

No	Substance name	CAS no.	EC no.
1	Formaldehyde, polymer with (chloromethyl)oxirane and phenol	9003-36-5	500-006-8
EL50		>	1000 mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		
2	oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	271-846-8
EC50		7.2	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		
3	benzyl alcohol	100-51-6	202-859-9
EC50		230	mg/l

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Duration of exposure	48	h
Species	Daphnia magna	
Method	OECD 202	
Source	ECHA	

Toxicity to Daphnia (chronic)			
No	Substance name	CAS no.	EC no.
1	Formaldehyde, polymer with (chloromethyl)oxirane and phenol	9003-36-5	500-006-8
NOEC		0.3	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		
2	oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	271-846-8
NOELR		56	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		
3	benzyl alcohol	100-51-6	202-859-9
NOEC		51	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		

Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.
1	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700)	25068-38-6	500-033-5
EC50		9.1	mg/l
Duration of exposure		- 9.4	h
Species	Scenedesmus capricornutum		
Method	EPA-660/3-75-009		
Source	ECHA		
2	Formaldehyde, polymer with (chloromethyl)oxirane and phenol	9003-36-5	500-006-8
EC50		>	1.8
Duration of exposure		72	h
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECHA		
3	benzyl alcohol	100-51-6	202-859-9
EC50		500	mg/l
Duration of exposure		72	h
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECHA		

Toxicity to algae (chronic)			
No	Substance name	CAS no.	EC no.
1	benzyl alcohol	100-51-6	202-859-9
NOEC		31072	mg/l
Duration of exposure		72	
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECDIN		

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Bacteria toxicity			
No	Substance name	CAS no.	EC no.
1	Formaldehyde, polymer with (chloromethyl)oxirane and phenol	9003-36-5	500-006-8
IC50		100	mg/l
Duration of exposure		3	h
Species	activated sludge		
Source	ECHA		

## 12.2 Persistence and degradability

Biodegradability			
No	Substance name	CAS no.	EC no.
1	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight $\leq$ 700)	25068-38-6	500-033-5
Type	aerobic biodegradation		
Method	OECD 301 F		
Source	ECHA		
Evaluation	not readily biodegradable		
2	Formaldehyde, polymer with (chloromethyl)oxirane and phenol	9003-36-5	500-006-8
Type	aerobic biodegradation		
Value	appr.	0	%
Duration		28	day(s)
Method	Closed Bottle Test (OECD 301D)		
Source	ECHA		
Evaluation	not readily biodegradable		
3	oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	271-846-8
Type	aerobic biodegradation		
Value		87	%
Duration		28	day(s)
Method	OECD 301 F		
Source	ECHA		
Evaluation	readily biodegradable		
4	benzyl alcohol	100-51-6	202-859-9
Type	BOD of the ThOD		
Value	92	- 96	%
Duration		14	day(s)
Method	OECD 301 C		
Source	ECHA		
Evaluation	readily biodegradable		

## 12.3 Bioaccumulative potential

Bioconcentration factor (BCF)			
No	Substance name	CAS no.	EC no.
1	Formaldehyde, polymer with (chloromethyl)oxirane and phenol	9003-36-5	500-006-8
BCF		150	
Method	QSAR		
Source	ECHA		

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight $\leq$ 700)	25068-38-6	500-033-5
log Pow	appr.	3	
Reference temperature with reference to		25	°C
	pH 7		

Trade name: WIDOPOX-Spezialgrundierung 2K (A)

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Method	OECD 117		
Source	ECHA		
<b>2</b>	<b>oxirane, mono[(C12-14-alkyloxy)methyl] derivs.</b>	<b>68609-97-2</b>	<b>271-846-8</b>
log Pow		3.77	
Reference temperature		20	°C
Method	OECD 107		
Source	ECHA		
<b>3</b>	<b>benzyl alcohol</b>	<b>100-51-6</b>	<b>202-859-9</b>
log Pow		1.05	
Reference temperature		20	°C
Source	ECHA		

**12.4 Mobility in soil**

No data available.

**12.5 Results of PBT and vPvB assessment**

Results of PBT and vPvB assessment	
Product Name	
<b>WIDOPOX-Spezialgrundierung 2K (A)</b>	
PBT assessment	According to the information provided in the supply chain: The product contains no components with > 0.1% that are considered PBT.
vPvB assessment	According to the information provided in the supply chain: The product contains no components with > 0.1% that are considered vPvB.

**12.6 Endocrine disrupting properties**

No data available.

**12.7 Other adverse effects**

No data available.

**12.8 Other information**

Other information
Do not discharge into drains or waters and do not dispose of in public landfills.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Product**

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

**Packaging**

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

**SECTION 14: Transport information****14.1 UN number or ID number**

ADR/RID/ADN	UN3082
IMDG	UN3082
ICAO-TI / IATA	UN3082

**14.2 UN proper shipping name**

ADR/RID/ADN	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
ICAO-TI / IATA	Environmentally hazardous substance, liquid, n.o.s.

Trade name: WIDOPOX-Spezialgrundierung 2K (A)

Current version : 7.0.0, issued: 17.06.2025

Replaced version: 5.0.0, issued: 15.12.2023

Region: GB

**14.3 Transport hazard class(es)**

<b>ADR/RID/ADN - Class</b>	9
Label	9
Classification code	M6
Tunnel restriction code	-
Hazard identification no.	90
<b>IMDG - Class</b>	9
Label	9
<b>ICAO-TI / IATA - Class</b>	9
Label	9

**14.4 Packing group**

<b>ADR/RID/ADN</b>	III
<b>IMDG</b>	III
<b>ICAO-TI / IATA</b>	III

**14.5 Environmental hazards**

<b>ADR/RID/ADN</b>	Symbol "fish and tree"
<b>IMDG</b>	Symbol "fish and tree"
EmS	F-A, S-F
<b>ICAO-TI / IATA</b>	Symbol "fish and tree"

**14.6 Special precautions for user**

No data available.

**14.7 Maritime transport in bulk according to IMO instruments**

Not relevant

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations****Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

**REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

**Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES**

The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII. No 3

The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

No	Substance name	CAS no.	EC no.	No
1	benzyl alcohol	100-51-6	202-859-9	75
2	oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	68609-97-2	271-846-8	75
3	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700)	25068-38-6	500-033-5	75

**Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances**

This product is subject to Part I of Annex I, risk category: E2

**15.2 Chemical safety assessment**

**Trade name:** WIDOPOX-Spezialgrundierung 2K (A)

**Current version :** 7.0.0, issued: 17.06.2025

**Replaced version:** 5.0.0, issued: 15.12.2023

**Region:** GB

No data available.

## SECTION 16: Other information

### Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

### Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

H302 Harmful if swallowed.

H332 Harmful if inhaled.

### Creation of the safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

### Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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