Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 - Ireland

SAFETY DATA SHEET



TEKNOPOX FILLER 2112 - All variants

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

1.1 Product identifier **Product name**

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: FEKNOPOX FILLER 2112 - All variants

1.2 Relevant identified uses of the substance or mixture and uses advised against **Product use** : Paint.

1.3 Details of the supplier of the safety data sheet

Teknos Group Oy, Takkatie 3, FI-00370 HELSINKI, FINLAND. Tel. +358 9 506 091.

e-mail address of person : Prod-safe@teknos.com responsible for this SDS

National contact

Teknos Group Oy, Takkatie 3, FI-00370 HELSINKI, FINLAND. Tel. +358 9 506 091.

1.4 Emergency telephone number

National advisory body/Poison Centre

: National Poisons Information Centre: 01 809 2566 **Telephone number**

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Hazard pictograms



Signal word	1	Warning
Hazard statements	:	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.
Precautionary statements		
Prevention	:	 P280 - Wear protective gloves. Wear eye or face protection. P273 - Avoid release to the environment. P261 - Avoid breathing vapour. P264 - Wash thoroughly after handling.
Response	:	P391 - Collect spillage.
Storage	:	Not applicable.
Date of issue/Date of revision		: 23/02/2024 Date of previous issue : 17/10/2022 Version : 2

SECTION 2: Hazards identification

SECTION 2. Hazarus	IC	ientification
Disposal	:	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazardous ingredients	:	Contains: Bis[4-(2,3-epoxypropoxy)phenyl]propane; Oxirane, mono[(C12-14-alkyloxy)methyl]derivs.; Reaction mass of 2,2'-[methylenebis (2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis (4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl] phenoxy}methyl)oxirane and Phenol, methylstyrenated
Supplemental label elements	:	Contains epoxy constituents. May produce an allergic reaction. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	
2.3 Other hazards		
Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII	-	This mixture contains substances that are assessed to be a PBT or a vPvB, refer to Section 3.2.
Other hazards which do	:	None known.

not result in classification

SECTION 3: Composition/information on ingredients

: Mixture				
Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Туре
REACH #: 01-2119456619-26 EC: 216-823-5 CAS: 1675-54-3 Index: 603-073-00-2	≥25 - ≤50	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411	Skin Irrit. 2, H315: C ≥ 5% Eye Irrit. 2, H319: C ≥ 5%	[1]
REACH #: 01-2119485289-22 EC: 271-846-8 CAS: 68609-97-2 Index: 603-103-00-4	≤10	Skin Irrit. 2, H315 Skin Sens. 1, H317	-	[1]
REACH #: 01-2119454392-40 EC: 500-006-8 CAS: 9003-36-5	≤10	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411	-	[1]
REACH #: 01-2119492630-38 EC: 202-859-9 CAS: 100-51-6 Index: 603-057-00-5	≤3	Acute Tox. 4, H302 Acute Tox. 4, H332 Eye Irrit. 2, H319	ATE [Oral] = 1230 mg/kg ATE [Inhalation (dusts and mists)] = 4.2 mg/l	[1]
REACH #: 01-2119555274-38 EC: 700-960-7 CAS: 68512-30-1	≤3	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 3, H412	-	[1] [3]
	Identifiers REACH #: 01-2119456619-26 EC: 216-823-5 CAS: 1675-54-3 Index: 603-073-00-2 REACH #: 01-2119485289-22 EC: 271-846-8 CAS: 68609-97-2 Index: 603-103-00-4 REACH #: 01-2119454392-40 EC: 500-006-8 CAS: 9003-36-5 REACH #: 01-2119492630-38 EC: 202-859-9 CAS: 100-51-6 Index: 603-057-00-5 REACH #: 01-2119555274-38 EC: 700-960-7	Identifiers%REACH #: 01-2119456619-26 EC: 216-823-5 CAS: 1675-54-3 Index: 603-073-00-2 $\geq 25 - \leq 50$ REACH #: 01-2119485289-22 EC: 271-846-8 CAS: 68609-97-2 Index: 603-103-00-4 ≤ 10 REACH #: 01-2119454392-40 EC: 500-006-8 CAS: 9003-36-5 ≤ 10 REACH #: 01-2119492630-38 EC: 202-859-9 CAS: 100-51-6 Index: 603-057-00-5 ≤ 3 REACH #: 01-2119555274-38 EC: 700-960-7 ≤ 3	Identifiers % Classification REACH #: ≥25 - ≤50 Skin Irrit. 2, H315 01-2119456619-26 ≥25 - ≤50 Skin Irrit. 2, H319 EC: 216-823-5 CAS: 1675-54-3 Skin Sens. 1, H317 Index: 603-073-00-2 ≤10 Skin Irrit. 2, H315 REACH #: 01-2119485289-22 ≤10 Skin Irrit. 2, H315 CAS: 68609-97-2 Index: 603-103-00-4 Skin Sens. 1, H317 REACH #: 01-2119454392-40 ≤10 Skin Irrit. 2, H315 O1-2119454392-40 ≤10 Skin Irrit. 2, H315 CAS: 9003-36-5 ≤10 Skin Irrit. 2, H315 REACH #: 01-2119492630-38 ≤3 Acute Tox. 4, H302 CAS: 9003-36-5 ≤3 Acute Tox. 4, H302 Acute Tox. 4, H332 Eye Irrit. 2, H319 CAS: 100-51-6 Skin Irrit. 2, H315 Skin Urrit. 2, H319 REACH #: 01-2119555274-38 ≤3 Skin Irrit. 2, H315 O1-2119555274-38 ≤3 Skin Irrit. 2, H315 EC: 700-960-7 ≤3 Skin Irrit. 2, H315	$ \begin{array}{ c c c c c c c } \hline Identifiers & \% & Classification & Specific Conc. Limits, M-factors and ATEs \\ \hline REACH #: \\ 01-2119456619-26 \\ EC: 216-823-5 \\ CAS: 1675-54-3 \\ Index: 603-073-00-2 \\ REACH #: \\ 01-2119485289-22 \\ EC: 271-846-8 \\ CAS: 68609-97-2 \\ Index: 603-103-00-4 \\ \hline REACH #: \\ 01-2119454392-40 \\ EC: 500-006-8 \\ CAS: 9003-36-5 \\ \hline \\ \\ \hline \\ REACH #: \\ 01-2119492630-38 \\ EC: 202-859-9 \\ CAS: 9003-36-5 \\ \hline \\ \\ \hline \\ REACH #: \\ 01-2119492630-38 \\ EC: 202-859-9 \\ CAS: 9003-36-5 \\ \hline \\ \\ \hline \\ REACH #: \\ 01-2119492630-38 \\ EC: 202-859-9 \\ CAS: 9003-36-5 \\ \hline \\ \\ \hline \\ \hline \\ REACH #: \\ 01-211945639-38 \\ EC: 202-859-9 \\ CAS: 9003-36-5 \\ \hline \\ \\ \hline \\ \hline \\ REACH #: \\ 01-21194555274-38 \\ EC: 700-960-7 \\ \hline \\ $

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SECTION 3: Composition/information on ingredients					
Toluene	REACH #: 01-2119471310-51 EC: 203-625-9 CAS: 108-88-3 Index: 601-021-00-3	<3	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Repr. 2, H361d STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304	-	[1] [2]
titanium dioxide	REACH #: 01-2119489379-17 EC: 236-675-5 CAS: 13463-67-7	≤3	Carc. 2, H351 (inhalation)	-	[1] [*]
Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine	REACH #: 01-2119979085-27 EC: 309-629-8 CAS: 100545-48-0	<1	Skin Sens. 1B, H317 Aquatic Chronic 3, H412	-	[1]
			See Section 16 for the full text of the H statements declared above.		

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section. Type

Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

[*] The classification as a carcinogen by inhalation applies only to mixtures placed on the market in powder form

containing 1% or more of titanium dioxide particles with aerodynamic diameter \leq 10 µm not bound within a matrix.

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	: Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	: Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
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SECTION 4: First aid measures

4.2 Most important symptoms and effects, both acute and delayed

Over-exposure signs/symptoms

Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: irritation redness
Ingestion	: No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	 Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Chapifia traatmonta	No energific treatment

Specific treatments : No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media		
Suitable extinguishing media	-	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	:	None known.
5.2 Special hazards arising fi	rom	the substance or mixture
Hazards from the substance or mixture	:	In a fire or if heated, a pressure increase will occur and the container may burst. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Hazardous combustion products	:	Decomposition products may include the following materials: carbon dioxide carbon monoxide halogenated compounds metal oxide/oxides
5.3 Advice for firefighters		
Special protective actions for fire-fighters	:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1 Personal precautions, prot	ective equipment and emergency procedures
For non-emergency personnel	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

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SECTION 6: Accidental release measures

6.2 Environmental precautions	: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.
6.3 Methods and materia	Il for containment and cleaning up
Small spill	: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	: Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. 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. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spill product.
6.4 Reference to other sections	 See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

Seveso Directive - Reporting thresholds

Danger criteria

Category	Notification and MAPP threshold	Safety report threshold
E2	200 tonne	500 tonne

7.3 Specific end use(s)

: Not available.

Recommendations Industrial sector specific solutions

: Not available.

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SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
	NAOSH (Ireland, 5/2021). Absorbed through skin. Notes: EU derived Occupational Exposure Limit Values OELV-8hr: 50 ppm 8 hours. OELV-8hr: 192 mg/m ³ 8 hours. OELV-15min: 100 ppm 15 minutes. OELV-15min: 384 mg/m ³ 15 minutes.

Biological exposure indices

Product/ingredient name	Exposure indices		
Foluene	NAOSH (Ireland, 1/2011) BMGV: 0.3 mg/g creatinine, o-cresol [in urine]. Sampling time: end of shift - As soon as possible after exposure ceases. BMGV: 0.03 mg/l, toluene [in urine]. Sampling time: end of shift - As soon as possible after exposure ceases. BMGV: 0.02 mg/l, toluene [in blood]. Sampling time: prior to last shift of workweek.		

Recommended monitoring : Reference should be made to monitoring standards, such as the following: procedures European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

DNEL DNEL DNEL DNEL DNEL DNEL	Long term Dermal Long term Oral Long term Dermal Inhalation Long term Inhalation Long term Inhalation Long term Oral	 89.3 μg/kg bw/day 0.5 mg/kg bw/day 0.75 mg/ kg bw/day 0.87 mg/m³ 4.93 mg/m³ 0.5 mg/kg bw/day 	population Workers General	Systemic Systemic Systemic Systemic Systemic Systemic
DNEL DNEL DNEL DNEL	Long term Dermal Long term Inhalation Long term Inhalation	bw/day 0.75 mg/ kg bw/day 0.87 mg/m ³ 4.93 mg/m ³ 0.5 mg/kg	population Workers General population Workers General	Systemic Systemic Systemic
DNEL DNEL DNEL	Long term Inhalation Long term Inhalation	0.75 mg/ kg bw/day 0.87 mg/m ³ 4.93 mg/m ³ 0.5 mg/kg	Workers General population Workers General	Systemic Systemic
DNEL DNEL	Inhalation Long term Inhalation	0.87 mg/m ³ 4.93 mg/m ³ 0.5 mg/kg	population Workers General	Systemic
DNEL	Inhalation	0.5 mg/kg	General	-
	Long term Oral			Systemic
		DW/uay	population	Cysternic
DINLL	Long term Dermal	0.5 mg/kg bw/day	General population	Systemic
DNEL	Long term Inhalation		General population	Systemic
DNEL	Long term Dermal	1 mg/kg bw/day	Workers	Systemic
DNEL	Long term Inhalation	3.6 mg/m ³	Workers	Systemic
DMEL	Short term Dermal	8.3 μg/cm ²	Workers	Local
	DNEL DNEL DMEL	DNEL Inhalation DNEL Long term Dermal DNEL Long term Inhalation DMEL Short term Dermal	DNEL Long term 0.87 mg/m ³ Inhalation DNEL Long term Dermal 1 mg/kg bw/day DNEL Long term 3.6 mg/m ³ Inhalation DMEL Short term Dermal 8.3 µg/cm ²	DNEL Long term 0.87 mg/m ³ General population DNEL Long term Dermal 1 mg/kg Workers DNEL Long term 3.6 mg/m ³ Workers Inhalation DMEL Short term Dermal 8.3 µg/cm ² Workers

oxirane						
	DNEL	Long term Oral	6.25 mg/ kg bw/day	General population	Systemic	
	DNEL	Long term Inhalation	8.7 mg/m ³	General	Systemic	
	DNEL	Long term	29.39 mg/	population Workers	Systemic	
	DNEL	Inhalation Long term Dermal	m³ 62.5 mg/	General	Systemic	
	DNEL	Long term Dermal	kg bw/day 104.15 mg/	population Workers	Systemic	
Benzyl alcohol	DNEL	Long term Oral	kg bw/day 4 mg/kg	General	Systemic	
	DNEL	Long term Dermal	bw/day 4 mg/kg	population General	Systemic	
	DNEL	Long term	bw/day 5.4 mg/m³	population General	Systemic	
	DNEL	Inhalation Long term Dermal	8 mg/kg	population Workers	Systemic	
			bw/day			
	DNEL	Short term Oral	20 mg/kg bw/day	General population	Systemic	
	DNEL	Short term Dermal	20 mg/kg bw/day	General population	Systemic	
	DNEL	Long term Inhalation	22 mg/m³	Workers	Systemic	
	DNEL	Short term Inhalation	27 mg/m ³	General population	Systemic	
	DNEL	Short term Dermal	40 mg/kg bw/day	Workers	Systemic	
	DNEL	Short term Inhalation	110 mg/m ³	Workers	Systemic	
Phenol, methylstyrenated	DNEL	Long term Oral	0.2 mg/kg bw/day	General population	Systemic	
	DNEL	Long term Inhalation	0.348 mg/ m ³	General	Systemic	
	DNEL	Long term	1.41 mg/m ³		Systemic	
	DNEL	Long term Dermal	1.67 mg/	General	Systemic	
	DNEL	Long term Dermal	kg bw/day 3.5 mg/kg	population Workers	Systemic	
oluene	DNEL	Long term Oral	bw/day 8.13 mg/	General	Systemic	
	DNEL	Long term	kg bw/day 56.5 mg/m³		Local	
	DNEL	Inhalation Long term	56.5 mg/m³	population General	Systemic	
	DNEL	Inhalation	-	population Workers		
		Long term Inhalation	192 mg/m ³		Local	
	DNEL	Long term Inhalation	192 mg/m ³	Workers	Systemic	
	DNEL	Long term Dermal	226 mg/kg bw/day	General population	Systemic	
	DNEL	Short term Inhalation	226 mg/m ³	General population	Local	
	DNEL	Short term Inhalation	226 mg/m ³	General population	Systemic	
	DNEL	Long term Dermal	384 mg/kg bw/day	Workers	Systemic	
	DNEL	Short term Inhalation	384 mg/m ³	Workers	Local	
	DNEL	Short term	384 mg/m³	Workers	Systemic	
Dctadecanoic acid, 12-hydroxy-, eaction products with ethylenediamine	DNEL	Inhalation Long term Inhalation	0.055 mg/ m³	General population	Local	

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SECTION 8: Exposure controls/personal protection						
		DNEL	Long term Inhalation	0.308 mg/ m ³	Workers	Local

Product/ingredient name	Compartment Detail	Value	Method Detail
Reaction mass of 2,2'-[methylenebis 2,1-phenyleneoxymethylene)]bis(oxirane) and 2,2'-[methylenebis 4,1-phenyleneoxymethylene)]bis(oxirane) and 2-({2-[4-(oxiran-2-ylmethoxy)benzyl] ohenoxy}methyl)oxirane	Fresh water	0.003 mg/l	-
	Fresh water sediment	0.294 mg/kg	-
	Marine water sediment	0.029 mg/kg	-
	Sewage Treatment Plant	10 mg/l	-
	Soil	0.237 mg/kg	-

8.2 Exposure controls

Appropriate engineering controls : Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Individual protection measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. Eye/face protection : Safety eyewear complying with an approved standard should be used to remove potentially contaminated work, clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. Eye/face protection : Safety eyewear complying with an approved standard should be used to remove potentially contaminated work, unless the assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles. Skin protection : Chemical-resistant, impervious gloves complying with an approved standard should be noted through time is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are sull retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves. Wash hands before breaks and immediately after handling the product. Body protection : Pe	0.2 Exposure controls			
Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. Eyelface protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles. Skin protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves. Wash hands before breaks and immediately after handling the product. Body protection : Personal protective equipment for the body should be ased on the task being performed and the risks involved and should be approved by a specialist before handling this product. Recommendations : Appropriate foromeasures should be approved by a specialist before handling this product. Body protection				
before eating, smoking and using the lavatory and at the and of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.Eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.Skin protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risk involved and should be approved by a specialist before handling this product.Body protection: Personal protective equipment for the body should be approved by a specialist before handling this product.Conter skin protection: Appropriate footwear and any additional skin protection measures should be approved by a specialist before heading this product.Body protection: Personal protective equipment for the body should be approved by a specialist before handling this product.Body protection<	Individual protection measured	<u>lres</u>		
assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles. Skin protection Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Recommendations: Wear suitable gloves tested to EN374. I hour (breakthrough time): Nitrile gloves. thickness > 0.3 mm > 8 hours (breakthrough time): AH / Silver Shield® gloves. Wash hands before breaks and immediately after handling the product. Personal protection Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Respiratory protection Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Filter type: A 	Hygiene measures	before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety		
Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Recommendations : Wear suitable gloves tested to EN374. < 1 hour (breakthrough time): Nitrile gloves. thickness > 0.3 mm 	Eye/face protection	assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash		
be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.Recommendations : Wear suitable gloves tested to EN374. < 1 hour (breakthrough time): Nitrile gloves. thickness > 0.3 mm > 8 hours (breakthrough time): 4H / Silver Shield® gloves. Wash hands before breaks and immediately after handling the product.Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.Other skin protection: Appropriate footwear and any additional skin protection measures should be approved by a specialist before handling this product.Respiratory protection: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Filter type: A	Skin protection			
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 > 8 hours (breakthrough time): 4H / Silver Shield® gloves. Wash hands before breaks and immediately after handling the product. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Other skin protection Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and the risks involved and should be selected based on the task being performed and the risks involved and should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Respiratory protection Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Filter type: A 		Recommendations : Wear suitable gloves tested to EN374.		
Body protectionWash hands before breaks and immediately after handling the product.Body protectionPersonal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.Other skin protectionAppropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.Respiratory protectionBased on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Filter type:		< 1 hour (breakthrough time): Nitrile gloves. thickness > 0.3 mm		
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Other skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.Respiratory protection: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a 		Wash hands before breaks and immediately after handling the product.		
 Respiratory protection Respiratory protection Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Filter type: A 	Body protection	being performed and the risks involved and should be approved by a specialist		
appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Filter type: A	Other skin protection	selected based on the task being performed and the risks involved and should be		
	Respiratory protection	appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Filter type: A		

SECTION 8: Exposure controls/personal protection

Environmental	exposure
controls	

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties

Appearance	
Physical state	: Liquid.
Colour	: Various
Odour	: Slight
Odour threshold	: Not available.
Melting point/freezing point	: Not available.
Initial boiling point and boiling range	÷

Ingredient name	°C	°F	Method
Toluene	110.6	231.1	
Benzyl alcohol	205.3	401.5	

Flammability	1	Not available.
Lower and upper explosion limit	:	∠ ower: 1.1% Upper: 13%
Flash point	:	⊘ losed cup: >100°C (>212°F)

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Auto-ignition temperature

Ingredient name	°C	°F	Method
Phenol, methylstyrenated	>385	>725	DIN 51794
Benzyl alcohol	436	816.8	

Decomposition temperature	1	Not available.
рН	:	Not applicable.
Viscosity	:	Not available.
Solubility(ies)	:	
Not available.		
Solubility in water	:	Not available.
Partition coefficient: n-octanol/	:	Not applicable.

water

Vapour pressure

Explosive properties

	Va	pour Pres	sure at 20°C	V	apour pres	sure at 50°C
Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method
Viluene	23.17	3.1				
Reaction mass of 2,2'- [methylenebis (2,1-phenyleneoxymethylene)]bis (oxirane) and 2,2'-[methylenebis (4,1-phenyleneoxymethylene)]bis (oxirane) and 2-({2-[4-(oxiran- 2-ylmethoxy)benzyl] phenoxy}methyl)oxirane	0.62	0.083	EU A.4			
elative density	: Not	available.				
ensity	: 1.2	g/cm³				
apour density	: Not	available.				

: Not available.

Date of issue/Date of revision : 23/02/2024 Date of previous issue

FEKNOPOX FILLER 2112 - All variants

: 17/10/2022

SECTION 9: Physical and chemical properties

Oxidising properties	: Not available.
Particle characteristics	
Median particle size	: Not applicable.

SECTION 10: Stability and reactivity			
10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.		
10.2 Chemical stability	: The product is stable.		
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.		
10.4 Conditions to avoid	: No specific data.		
10.5 Incompatible materials	: No specific data.		
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/ingredient name	Result	Species	Dose	Exposure
Bis[4-(2,3-epoxypropoxy) phenyl]propane	LD50 Dermal	Rabbit	20 g/kg	-
Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	LD50 Oral	Rat	17100 mg/kg	-
Reaction mass of 2,2'- [methylenebis (2,1-phenyleneoxymethylene)] bis(oxirane) and 2,2'- [methylenebis (4,1-phenyleneoxymethylene)] bis(oxirane) and 2-({2-[4- (oxiran-2-ylmethoxy)benzyl] phenoxy}methyl)oxirane	LD50 Dermal	Rat	>2000 mg/kg	-
Benzyl alcohol	LD50 Oral LC50 Inhalation Dusts and mists LD50 Dermal	Rat Rat - Male, Female Rabbit	>5000 mg/kg 4200 mg/m³ 2000 mg/kg	- 4 hours -
Toluene	LD50 Oral LC50 Inhalation Vapour LD50 Oral	Rat Rat Rat	1230 mg/kg 49 g/m ³ 636 mg/kg	- 4 hours -

Conclusion/Summary

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

Acute toxicity estimates

Route	ATE value	
Øral	45222.13 mg/kg	
Inhalation (dusts and mists)	154.42 mg/l	

Irritation/Corrosion

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Product/ingredient name	Result	Species	Score	Exposure	Observatior
Bis[4-(2,3-epoxypropoxy)	Eyes - Severe irritant	Rabbit	-	24 hours 2	-
phenyl]propane				mg	
	Skin - Mild irritant	Rabbit	-	500 mg	-
Oxirane, mono[Skin - Moderate irritant	Rabbit	-	24 hours 500) -
(C12-14-alkyloxy)methyl]				uL	
derivs.					
Reaction mass of 2,2'-	Skin - Mild irritant	Rabbit	-	24 hours 500) -
[methylenebis (2,1-phenyleneoxymethylene)]				uL	
bis(oxirane) and 2,2'-					
[methylenebis					
(4,1-phenyleneoxymethylene)]					
bis(oxirane) and 2-({2-[4-					
(oxiran-2-ylmethoxy)benzyl]					
phenoxy}methyl)oxirane					
Benzyl alcohol	Skin - Mild irritant	Man	-	48 hours 16	-
-				mg	
	Skin - Moderate irritant	Pig	-	100 %	-
	Skin - Moderate irritant	Rabbit	-	24 hours 100) -
				mg	
Toluene	Eyes - Mild irritant	Rabbit	-	0.5 minutes	-
	Even Mild imitant	Dabbit		100 mg	
	Eyes - Mild irritant Eyes - Severe irritant	Rabbit Rabbit	-	870 ug 24 hours 2	-
	Eyes - Severe initalit	Rabbit	-	mg	-
	Skin - Mild irritant	Pig	-	24 hours 250) -
		9		uL	
	Skin - Mild irritant	Rabbit	-	435 mg	-
	Skin - Moderate irritant	Rabbit	-	24 hours 20	-
				mg	
	Skin - Moderate irritant	Rabbit	-	500 mg	-
titanium dioxide	Skin - Mild irritant	Human	-	72 hours 300) -
				ug l	
Conclusion/Summary	: Causes skin irritation.				
Sensitisation					
Conclusion/Summary	: May cause an allergic sk	in reaction.			
<u>Autagenicity</u>	, 0				
Conclusion/Summary	: Based on available data,	the classification of	riteria are	not met.	
Carcinogenicity	,				
t has been observed that the	carcinogenic hazard of this c	product arises wher	n respirab	le dust is inha	led in quantities
eading to significant impairme					
Conclusion/Summary	: Based on available data,	the classification of	riteria are	not met.	
Reproductive toxicity					
Conclusion/Summary	: Based on available data,	the classification of	ritoria are	not met	
				not met.	
<u>Feratogenicity</u>					
Conclusion/Summary	: Based on available data,	the classification of	riteria are	e not met.	
Specific target organ toxicit	<u>y (single exposure)</u>				
Product/ingr	redient name	Category		ute of osure	Target organs
Toluene		Category 3	-		arcotic effects
Specific target organ toxicit	<u>y (repeated exposure)</u>	1	1	I	
Product/ingr	redient name	Category		ute of	Target organs
		1	exr	osure	
Toluene		Category 2			

Aspiration hazard

Product/	ingredient name	Result
Toluene		ASPIRATION HAZARD - Category 1
nformation on likely routes of exposure	: Not available.	
Potential acute health effects	5	
Eye contact	: Causes serious eye irrita	ation.
Inhalation	: No known significant eff	ects or critical hazards.
Skin contact	: Causes skin irritation. N	lay cause an allergic skin reaction.
Ingestion	: No known significant eff	ects or critical hazards.
Symptoms related to the phy	vsical, chemical and toxico	logical characteristics
Eye contact	: Adverse symptoms may pain or irritation watering redness	rinclude the following:
Inhalation	: No specific data.	
Skin contact	: Adverse symptoms may irritation redness	include the following:
Ingestion	: No specific data.	
Delayed and immediate effect	cts as well as chronic effec	ts from short and long-term exposure
Short term exposure		
Potential immediate effects	: Not available.	
Potential delayed effects Long term exposure	: Not available.	
Potential immediate effects	: Not available.	
Potential delayed effects	: Not available.	
Potential chronic health eff	<u>ects</u>	
Not available.		
Conclusion/Summary	: Not available.	
General		re allergic reaction may occur when subsequently expose
Carcinogenicity	: No known significant eff	ects or critical hazards.
Mutagenicity	: No known significant eff	ects or critical hazards.
	No known significant effects or critical hazards.	

11.2.1 Endocrine disrupting properties
Not available.
11.2.2 Other information

Not available.

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
Reaction mass of 2,2'- [methylenebis (2,1-phenyleneoxymethylene)] bis(oxirane) and 2,2'- [methylenebis (4,1-phenyleneoxymethylene)] bis(oxirane) and 2-({2-[4- (oxiran-2-ylmethoxy)benzyl] phenoxy}methyl)oxirane		Algae	72 hours
,	EC50 2.55 mg/l	Daphnia - <i>Daphnia magna</i>	48 hours
	Chronic LC50 2.54 mg/l	Fish	96 hours
Benzyl alcohol	Acute LC50 10000 µg/l Fresh water	Fish - Lepomis macrochirus	96 hours
Phenol, methylstyrenated	Acute EC50 15 mg/l	Algae	72 hours
	Acute EC50 14 mg/l	Daphnia	48 hours
	Acute LC50 25.8 mg/l	Fish	96 hours
Toluene	Acute EC50 12500 µg/l Fresh water	Algae - Pseudokirchneriella subcapitata	72 hours
	Acute EC50 11600 μg/l Fresh water	Crustaceans - Gammarus pseudolimnaeus - Adult	48 hours
	Acute EC50 5.56 mg/l Fresh water	Daphnia - <i>Daphnia magna</i> - Neonate	48 hours
	Acute LC50 5500 µg/l Fresh water	Fish - Oncorhynchus kisutch - Fry	96 hours
	Chronic NOEC 1000 µg/l Fresh water	Daphnia - Daphnia magna	21 days
titanium dioxide	Acute LC50 3 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
	Acute LC50 6.5 mg/l Fresh water	Daphnia - <i>Daphnia pulex -</i> Neonate	48 hours
	Acute LC50 >1000000 μg/l Marine water	Fish - Fundulus heteroclitus	96 hours

Conclusion/Summary : Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability

Conclusion/Summary	: This product has not been tested for biodegradation.
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12.3 Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
Øxirane, mono[(C12-14-alkyloxy)methyl] derivs.	3.77	160 to 263	Low
Reaction mass of 2,2'- [methylenebis (2,1-phenyleneoxymethylene)] bis(oxirane) and 2,2'- [methylenebis (4,1-phenyleneoxymethylene)] bis(oxirane) and 2-({2-[4- (oxiran-2-ylmethoxy)benzyl] phenoxy}methyl)oxirane		-	Low
Benzyl alcohol Phenol, methylstyrenated	0.87 3.627	-	Low Low
Toluene	2.73	90	Low

12.4 Mobility in soil	
Soil/water partition	: Not available.
coefficient (Koc)	
Mobility	: Not available.

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SECTION 12: Ecological information

12.5 Results of PBT and vPvB assessment

Product/ingredient name	PBT	Р	В	Т	vPvB	vP	vB
Bis[4-(2,3-epoxypropoxy) phenyl]propane	No	N/A	N/A	No	N/A	N/A	N/A
Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	No	N/A	No	No	No	N/A	No
Reaction mass of 2,2'- [methylenebis (2,1-phenyleneoxymethylene)] bis(oxirane) and 2,2'- [methylenebis (4,1-phenyleneoxymethylene)] bis(oxirane) and 2-({2-[4- (oxiran-2-ylmethoxy)benzyl] phenoxy}methyl)oxirane		N/A	N/A	No	N/A	N/A	N/A
Benzyl alcohol	No	N/A	N/A	No	N/A	N/A	N/A
Phenol, methylstyrenated	No	N/A	N/A	No	SVHC (Candidate)	Specified	Specified
Toluene	No	N/A	No	Yes	No	N/A	No
Octadecanoic acid, 12-hydroxy-, reaction products with ethylenediamine	Νο	N/A	N/A	Νο	N/A	N/A	N/A

12.6 Endocrine disrupting properties

Not available.

12.7 Other adverse effects

No known significant effects or critical hazards.

SECTION 13: Disposal considerations

13.1 Waste treatment meth	ods
Product	
Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
European waste catalogue (EWC)	: 080111*, 200127*
Packaging	
Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
Special precautions	: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

	Transport inform			1	
	ADR/RID	ADN	IMDG	ΙΑΤΑ	
14.1 UN number or ID number	UN3082	UN3082	UN3082	UN3082	
14.2 UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy resin)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy resin)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Resin)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Resin)	
14.3 Transport hazard class(es)	9	9	9	9	
14.4 Packing group		111	111	111	
14.5 Environmental hazards	Yes.	Yes.	Yes.	Yes.	
Additional informa	ition	1	1	1	
ADR/RID : This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8. Tunnel code (-)					
ADN	This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.				
IMDG	This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.				
ΙΑΤΑ	 This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8. 				
14.6 Special precautions for : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.					

14.7 Maritime transport in	• •	Not relevant/applicable due to nature of the product.
bulk according to IMO	• •	to relevant/applicable due to hardre of the product.
instruments		

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture <u>EU Regulation (EC) No. 1907/2006 (REACH)</u>

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

I	ntrinsic property	Ingredient name	 	Date of revision
	∕ ∕PvB	Phenol, methylstyrenated	D(2023) 8585-DC	-

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Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

ECTION 15: Regula	-		
Product/ingredient name		%	Designation [Usage]
FÉKNOPOX FILLER 2112 Toluene		≥90 <3	3 48
Labelling	÷		
Other EU regulations			
Industrial emissions (integrated pollution prevention and control) - Air	: Not listed		
Industrial emissions (integrated pollution prevention and control) - Water	: Not listed		
Explosive precursors	: Not applicab	le.	
Ozone depleting substant Not listed.	<u>ces (1005/2009/E</u>	<u>:U)</u>	
Prior Informed Consent (F Not listed.	<u>PIC) (649/2012/EU</u>	<u>U)</u>	
Persistent Organic Polluta Not listed.	<u>ants</u>		
Seveso Directive			
This product is controlled up	nder the Seveso I	Directive.	
Danger criteria			
Category			
E2			
International regulations			
Chemical Weapon Conven	tion List Schedu	les I, II & III (<u>Chemicals</u>
Not listed.			
Montreal Protocol			
Not listed.			
Stockholm Convention on	Persistent Orga	nic Pollutan	t <u>s</u>
Not listed.			
Rotterdam Convention on Not listed.	Prior Informed C	Consent (PIC	2
UNECE Aarhus Protocol or	n POPs and Heav	vy Metals	
Not listed.			
5.2 Chemical safety ssessment	: This product required.	contains sub	ostances for which Chemical Safety Assessments are still
ECTION 16: Other	information		
Indicates information that	has changed from	n previously i	ssued version.
bbreviations and cronyms	: ATE = Acute CLP = Class 1272/2008]	e Toxicity Esti	imate elling and Packaging Regulation [Regulation (EC) No.
	DNEL = Der	ived No Effec	

EUH statement = CLP-specific Hazard statement N/A = Not available

PBT = Persistent, Bioaccumulative and Toxic

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SECTION 16: Other information

PNEC = Predicted No Effect Concentration RRN = REACH Registration Number

SGG = Segregation Group

vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Skin Irrit. 2, H315	Calculation method
Eye Irrit. 2, H319	Calculation method
Skin Sens. 1, H317	Calculation method
Aquatic Chronic 2, H411	Calculation method

Full text of abbreviated H statements

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H361d	Suspected of damaging the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Full text of classifications [CLP/GHS]

Acute Tox. 4 Aquatic Chronic 2	ACUTE TOXICITY - Category 4 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2
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Aquatic Chronic 3	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3
Asp. Tox. 1	ASPIRATION HAZARD - Category 1
Carc. 2	CARCINOGENICITY - Category 2
Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Flam. Liq. 2	FLAMMABLE LIQUIDS - Category 2
Repr. 2	REPRODUCTIVE TOXICITY - Category 2
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1	SKIN SENSITISATION - Category 1
Skin Sens. 1B	SKIN SENSITISATION - Category 1B
STOT RE 2	SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3
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Notice to reader

The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.

: 23/02/2024 Date of previous issue

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 PEKNOPOX FILLER 2112 - All variants

: 23/02/2024 Date of previous issue