



SAFETY DATA SHEET

Epoxy Floor Paint - Curing Agent

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

1.1 Product identifier

Product name : Epoxy Floor Paint - Curing Agent
Product description : Coating. Curing agent
Product type : Liquid.
UFI : TV30-N0QK-T00F-5YFF
Product code : FLS0019

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

Identified uses	
Consumer Industrial Professional	
Uses advised against	Reason
None identified.	-

1.3 Details of the supplier of the safety data sheet

Floorsaver Ltd,
Eastgate Court
195-205 High Street
Guildford
Surrey
GU1 3EH
United Kingdom
Telephone no: 0345 4509888
Email: info@floorsaver.co.uk

Floorsaver
Kränkelsweg 14
41748 Viersen
Deutschland
Telephone no.: 02162-5746666
info@floorsaver.de

e-mail address of person responsible for this SDS : rpmeurohas@rustoleum.eu

1.4 Emergency telephone number

National advisory body/Poison Centre

Telephone number Ireland : 809 2166
Available 8am to 10pm 7 days per week

Supplier

Telephone number Ireland : +353 19014670
Hours of operation : 24 / 7

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]

Eye Dam. 1, H318

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 : Danger

Hazard statements : H318 - Causes serious eye damage.

Precautionary statements

General

- : P103 - Read carefully and follow all instructions.
P102 - Keep out of reach of children.
P101 - If medical advice is needed, have product container or label at hand.

Prevention

- : P280 - Wear eye or face protection.

Response

- : P305 + P351 + P338, P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

Storage

- : Not applicable.

Disposal

- : P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazardous ingredients

- : Formaldehyde, polymers with 1,3-benzenedimethanamine, bisphenol A, diethylenetriamine-glycidyl Ph ether reaction products, epichlorohydrin, propylene oxide and triethylenetetramine, reaction products with glycidyl o-tolyl ether, sulfamates (salts)

Supplemental label elements

- : Not applicable.

Supplemental label elements : Detergents - Regulation (EC) No 907/2006

- : Not applicable.

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

- : Not applicable.

Special packaging requirements

Containers to be fitted with child-resistant fastenings

- : Not applicable.

Tactile warning of danger

- : Not applicable.

2.3 Other hazards

Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

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SECTION 2: Hazards identification

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Product meets the criteria for endocrine disrupting properties according to Regulation (EC) No. 1907/2006. : Not applicable

Other hazards which do not result in classification : None known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures : Mixture
Ireland

Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Type
Formaldehyde, polymers with 1,3-benzenedimethanamine, bisphenol A, diethylenetriamine-glycidyl Ph ether reaction products, epichlorohydrin, propylene oxide and triethylenetetramine, reaction products with glycidyl o-tolyl ether, sulfamates (salts)	CAS: 238080-05-2 List #: 607-272-5	≥10 - ≤25	Acute Tox. 4, H302 Eye Dam. 1, H318	ATE [Oral] = 511 mg/kg	[1]
2-methoxy-1-methylethyl acetate	EC: 203-603-9 CAS: 108-65-6 Index: 607-195-00-7	≤0,3	Flam. Liq. 3, H226 STOT SE 3, H336	-	[1] [2]
crystalline silica, respirable powder	EC: 238-878-4 CAS: 14808-60-7	≤0,3	STOT RE 1, H372 See Section 16 for the full text of the H statements declared above.	-	[1] [2]

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.

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

Type

- [1] Substance classified with a health or environmental hazard
[2] Substance with a workplace exposure limit

List numbers have no legal significance.
Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

- Eye contact** : Get medical attention immediately. Call a poison center or physician. 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. Chemical burns must be treated promptly by a physician.
- Inhalation** : Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. 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. 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** : Get medical attention immediately. Call a poison center or physician. Wash contaminated skin with 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. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Get medical attention immediately. Call a poison center or physician. 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. Chemical burns must be treated promptly by a physician. 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. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. 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.

4.2 Most important symptoms and effects, both acute and delayed

Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:
pain
watering
redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:
pain or irritation
redness
blistering may occur
- Ingestion** : Adverse symptoms may include the following:
stomach pains

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.
- 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 from 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.

Hazardous combustion products : Decomposition products may include the following materials:
sulfur oxides
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, protective 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. Do not breathe 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".

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).

6.3 Methods and material for containment and cleaning up

Small spill :  Stop leak if without risk. Move containers from spill area. Absorb with an inert 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. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. 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.

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.

7.1 Precautions for safe handling

- Protective measures
- : Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. 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. Store locked up. 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. See Section 10 for incompatible materials before handling or use.

7.3 Specific end use(s)

- Recommendations
- : Not available.
- Industrial sector specific solutions
- : Not available.

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 / Biological exposure indices

Product/ingredient name	Exposure limit values
2-methoxy-1-methylethyl acetate	NAOSH (Ireland, 4/2024) Absorbed through skin. Notes: EU derived Occupational Exposure Limit Values OELV 8 hours: 50 ppm. OELV 8 hours: 275 mg/m³. OELV 15 minutes: 100 ppm. OELV 15 minutes: 550 mg/m³.
crystalline silica, respirable powder	NAOSH (Ireland, 4/2024) [silica, crystalline] Notes: EU derived Occupational Exposure Limit Values; List of Carcinogenic Substances, Mixtures and Processes OELV 8 hours: 0,1 mg/m³. Form: respirable dust.

No exposure indices known.

- Recommended monitoring procedures
- : Reference should be made to monitoring standards, such as the following: 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

SECTION 8: Exposure controls/personal protection

documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

Product/ingredient name	Result	Value	Effects
2-methoxy-1-methylethyl acetate	DNEL - Workers - Long term - Inhalation	275 mg/m³	Effects: Systemic
	DNEL - Workers - Long term - Dermal	153,5 mg/m³	Effects: Systemic
	DNEL - General population - Consumers - Long term - Dermal	54,8 mg/m³	Effects: Systemic
	DNEL - General population - Consumers - Long term - Oral	1,67 mg/m³	Effects: Systemic
	DNEL - Workers - Long term - Dermal	796 mg/kg	Effects: Systemic
	DNEL - General population - Long term - Dermal	320 mg/kg	Effects: Systemic
	DNEL - General population - Long term - Oral	36 mg/kg	Effects: Systemic
	DNEL - General population - Long term - Inhalation	33 mg/m³	Effects: Local
	DNEL - General population - Long term - Inhalation	33 mg/m³	Effects: Systemic
	DNEL - Workers - Short term - Inhalation	550 mg/m³	Effects: Local

PNECs

Product/ingredient name	Result	Value	Remarks
2-methoxy-1-methylethyl acetate	Fresh water	0,635 mg/l	-
	Fresh water sediment	3,29 mg/kg	-
	Marine water sediment	0,329 mg/kg	-
	Soil	0,29 mg/kg	-
	Sewage Treatment Plant	100 mg/l	-
	Marine water	0,0635 mg/l	-

8.2 Exposure controls

Appropriate engineering controls : If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Individual protection measures

SECTION 8: Exposure controls/personal protection

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. 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. Use eye protection according to EN 166. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead. Recommended: chemical splash goggles and/or face shield.

Skin protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.

The breakthrough time must be greater than the end use time of the product.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

Always ensure that gloves are free from defects and that they are stored and used correctly.

The performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance.

Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.

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. > 8 hours (breakthrough time): nitrile rubber

The recommendation for the type or types of glove to use when handling this product is based on information from the following source: EN374. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.

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. Recommended: (EN 467) Wear overalls or long sleeved shirt.

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 respiratory protection program to ensure proper fitting, training, and other important aspects of use. Recommended: (EN 140)

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

Physical state	: Liquid.
Colour	: Blue. Green. Grey. White. Red.
Odour	: Not available.
Odour threshold	: Not available.
Melting point/freezing point	: 0°C [Literature]
Initial boiling point and boiling range	: 100°C (212°F) [Literature]
Flammability (solid, gas)	: Not available.
Lower and upper explosion limit	: Not available.
Flash point	: Not relevant due to nature of the product.
Auto-ignition temperature	: Not relevant due to nature of the product.
Decomposition temperature	: Not available.
pH	: 6 to 8 [OECD 122]
pH : Justification	: Not available.
Viscosity	: Dynamic (room temperature): 400 to 500 mPa·s [ICI Rotothinner] Kinematic (room temperature): 287 to 359 mm ² /s [calculated.] Kinematic (40°C): Not available.
Solubility(ies)	: Not available.
Solubility in water	: Not available.
Partition coefficient: n-octanol/ water	: Not applicable.
Vapour pressure	: 2,3 kPa (17,5 mm Hg) [Literature]
Evaporation rate	: Not available.
Relative density	: Not available.
Density	: 1,393 g/cm ³ [calculated. DIN 53217]
Vapour density	: Not available.
Explosive properties	: Not available.
Oxidising properties	: Not available.
<u>Particle characteristics</u>	
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.

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SECTION 10: Stability and reactivity

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	Value
Formaldehyde, polymers with 1,3-benzenedimethanamine, bisphenol A, diethylenetriamine-glycidyl Ph ether reaction products, epichlorohydrin, propylene oxide and triethylenetetramine, reaction products with glycidyl o-tolyl ether, sulfamates (salts) 2-methoxy-1-methylethyl acetate	Rat - Oral - LD50	511 mg/kg
	Rabbit - Dermal - LD50	2500 mg/kg
	Rabbit - Dermal - LD50	>5 g/kg
	Rat - Inhalation - NOEL Dusts and mists	8100 mg/m³ [4 hours]

Conclusion/Summary [Product] : Based on available data, the classification criteria are not met.

Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
Epoxy Floor Paint - Curing Agent Formaldehyde, polymers with 1,3-benzenedimethanamine, bisphenol A, diethylenetriamine-glycidyl Ph ether reaction products, epichlorohydrin, propylene oxide and triethylenetetramine, reaction products with glycidyl o-tolyl ether, sulfamates (salts)	3650,0 511	N/A 2500	N/A N/A	N/A N/A	N/A N/A

Skin corrosion/irritation

Product/ingredient name	Result	Exposure	Observation
Formaldehyde, polymers with 1,3-benzenedimethanamine, bisphenol A, diethylenetriamine-glycidyl Ph ether reaction products, epichlorohydrin, propylene oxide and triethylenetetramine, reaction products with glycidyl o-tolyl ether, sulfamates (salts)	Rabbit - Skin - Mild irritant	-	-

Conclusion/Summary [Product] : Based on available data, the classification criteria are not met.

Ingredient name	Conclusion/Summary
2-methoxy-1-methylethyl acetate	Non-irritating to the skin.

Serious eye damage/eye irritation

SECTION 11: Toxicological information

Product/ingredient name	Result	Exposure	Observation
Formaldehyde, polymers with 1,3-benzenedimethanamine, bisphenol A, diethylenetriamine-glycidyl Ph ether reaction products, epichlorohydrin, propylene oxide and triethylenetetramine, reaction products with glycidyl o-tolyl ether, sulfamates (salts)	Rabbit - Eyes - Visible necrosis	Amount/concentration applied: 20 mg/kg	Observation period: 1 hours
	Rat - Eyes - Visible necrosis	Amount/concentration applied: 28 mg/kg	Observation period: 1 hours

Conclusion/Summary [Product]	: Causes serious eye damage.
Ingredient name	Conclusion/Summary
Formaldehyde, polymers with 1,3-benzenedimethanamine, bisphenol A, diethylenetriamine-glycidyl Ph ether reaction products, epichlorohydrin, propylene oxide and triethylenetetramine, reaction products with glycidyl o-tolyl ether, sulfamates (salts)	Risk of serious damage to eyes.
2-methoxy-1-methylethyl acetate	Non-irritating to the eyes.

Respiratory corrosion/irritation

Not available.

Conclusion/Summary [Product] : Based on available data, the classification criteria are not met.

Respiratory or skin sensitization

Not available.

Skin

Conclusion/Summary [Product]	: Based on available data, the classification criteria are not met.
Ingredient name	Conclusion/Summary
2-methoxy-1-methylethyl acetate	Non-sensitiser to skin.

Respiratory

Conclusion/Summary [Product] : Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Product/ingredient name	Species - Route of exposure	Result
Formaldehyde, polymers with 1,3-benzenedimethanamine, bisphenol A, diethylenetriamine-glycidyl Ph ether reaction products, epichlorohydrin, propylene oxide and triethylenetetramine, reaction products with glycidyl o-tolyl ether, sulfamates (salts)	In vitro - Bacteria	Result: Negative

Conclusion/Summary [Product] : Based on available data, the classification criteria are not met.

SECTION 11: Toxicological information

Carcinogenicity

Not available.

Conclusion/Summary [Product] : Based on available data, the classification criteria are not met.

Reproductive toxicity

Not available.

Conclusion/Summary [Product] : Based on available data, the classification criteria are not met.

Specific target organ toxicity (single exposure)

Product/ingredient name	Result
2-methoxy-1-methylethyl acetate	STOT SE 3, H336 (Narcotic effects)

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on likely routes of exposure

Not available.

Potential acute health effects

Eye contact	: Causes serious eye damage.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

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

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure

Potential immediate effects	: Not available.
Potential delayed effects	: Not available.

Long term exposure

Potential immediate effects	: Not available.
Potential delayed effects	: Not available.

Potential chronic health effects

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SECTION 11: Toxicological information

Product/ingredient name Formaldehyde, polymers with 1,3-benzenedimethanamine, bisphenol A, diethylenetriamine-glycidyl Ph ether reaction products, epichlorohydrin, propylene oxide and triethylenetetramine, reaction products with glycidyl o-tolyl ether, sulfamates (salts)	Result Chronic - Rabbit - Unreported - LD50 20 mg/kg <u>Toxic effects:</u> Eye - Conjunctive irritation Chronic - Rat - Unreported - LD50 28 mg/kg <u>Toxic effects:</u> Eye - Conjunctive irritation
Conclusion/Summary [Product] : Based on available data, the classification criteria are not met.	
General	: No known significant effects or critical hazards.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Reproductive toxicity	: No known significant effects or critical hazards.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Not available.	
Conclusion/Summary [Product]	: The product does not meet the criteria to be considered as having endocrine disrupting properties according to the criteria set out in either Regulation (EC) No. 1907/2006 or Regulation (EC) No 1272/2008.

11.2.2 Other information

Not available.	
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SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name 2-methoxy-1-methylethyl acetate	Result Acute - NOEC >1000 mg/l [96 hours] Acute - LC50 - Fresh water 130 mg/l [96 hours] Chronic - LC10 100 mg/l [21 days] Chronic - NOEC - Fresh water 47,5 mg/l [14 days]	Species Algae - Algae Fish - Rainbow trout (oncorhynchus mykiss) Daphnia spec. - Daphnia spec. Fish
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Conclusion/Summary [Product]	: Based on available data, the classification criteria are not met.
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12.2 Persistence and degradability

Product/ingredient name 2-methoxy-1-methylethyl acetate	Test -	Result 100% [8 days] - Inherent
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Conclusion/Summary [Product]	: This product has not been tested for biodegradation. No results available.
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Product/ingredient name 2-methoxy-1-methylethyl acetate	Aquatic half-life -	Photolysis -	Biodegradability Readily
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12.3 Bioaccumulative potential

SECTION 12: Ecological information

Product/ingredient name	LogP _{ow}	BCF	Potential
2-methoxy-1-methylethyl acetate	1,2	-	Low

12.4 Mobility in soil

Soil/water partition coefficient

Product/ingredient name	logK _{oc}	K _{oc}
2-methoxy-1-methylethyl acetate	0,36	2,31363

Results of PMT and vPvM assessment

Product/ingredient name	PMT	P	M	T	vPvM	vP	vM
Formaldehyde, polymers with 1,3-benzenedimethanamine, bisphenol A, diethylenetriamine-glycidyl Ph ether reaction products, epichlorohydrin, propylene oxide and triethylenetetramine, reaction products with glycidyl o-tolyl ether, sulfamates (salts)	No	No	No	No	No	No	No
2-methoxy-1-methylethyl acetate	No	No	No	No	No	No	No

Mobility : Not available.

Conclusion/Summary : The product does not meet the criteria to be considered as a PMT or vPvM.

12.5 Results of PBT and vPvB assessment

Regulation (EC) No. 1907/2006 [REACH]

Product/ingredient name	PBT	P	B	T	vPvB	vP	vB
Formaldehyde, polymers with 1,3-benzenedimethanamine, bisphenol A, diethylenetriamine-glycidyl Ph ether reaction products, epichlorohydrin, propylene oxide and triethylenetetramine, reaction products with glycidyl o-tolyl ether, sulfamates (salts)	No	N/A	N/A	No	N/A	N/A	N/A
2-methoxy-1-methylethyl acetate	No	N/A	N/A	No	N/A	N/A	N/A

Regulation (EC) No. 1272/2008 [CLP]

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SECTION 12: Ecological information

Product/ingredient name	PBT	P	B	T	vPvB	vP	vB
Formaldehyde, polymers with 1,3-benzenedimethanamine, bisphenol A, diethylenetriamine-glycidyl Ph ether reaction products, epichlorohydrin, propylene oxide and triethylenetetramine, reaction products with glycidyl o-tolyl ether, sulfamates (salts)	No	No	No	No	No	No	No
2-methoxy-1-methylethyl acetate	No	No	No	No	No	No	No

Conclusion/Summary Regulation (EC) No. 1272/2008 [CLP] : The product does not meet the criteria to be considered as a PBT or vPvB.

12.6 Endocrine disrupting properties

Not available.

Conclusion/Summary [Product] : The product does not meet the criteria to be considered as having endocrine disrupting properties according to the criteria set out in either Regulation (EC) No. 1907/2006 or Regulation (EC) No 1272/2008.

12.7 Other adverse effects

No known significant effects or critical hazards.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance.

13.1 Waste treatment methods

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.

Hazardous waste : Yes.

European waste catalogue (EWC)

Waste code	Waste designation
20 01 27*	paint, inks, adhesives and resins containing hazardous substances

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.

Epoxy Floor Paint - Curing Agent

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN number or ID number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	No.	No.	No.

Additional information ADR

Additional information ADN

Additional information IMDG

Additional information IATA

14.6 Special precautions for user : 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 bulk according to IMO instruments : Not available.

SECTION 15: Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

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

Product/ingredient name	%	Designation [Usage]
Epoxy Floor Paint - Curing Agent	≥90	3

Labelling : Not applicable.

Synthetic polymer microparticles - Designation 78

SECTION 15: Regulatory information

Generic identity of polymer(s) : Not applicable.

Total percentage of synthetic polymer microparticles : Not applicable.

Other EU regulations

VOC : The provisions of Directive 2004/42/EC on VOC apply to this product. Refer to the product label and/or technical data sheet for further information.

VOC for Ready-for-Use Mixture : II A/j. Two-pack reactive performance coatings for specific end use such as floors. EU limit value for this product : 140g/l (2010.) This product contains a maximum of 45 g/l VOC.

Industrial emissions (integrated pollution prevention and control) - Air : Not listed

Industrial emissions (integrated pollution prevention and control) - Water : Not listed

Explosive precursors : Not applicable.

Ozone depleting substances (EU 2024/590)

Not listed.

Prior Informed Consent (PIC) (649/2012/EC)

Not listed.

Persistent Organic Pollutants (850/2004/EC)

Not listed.

Seveso Directive

This product is not controlled under the Seveso Directive.

Ireland

Biocidal products regulation : Not applicable.

References : Safety, Health and Welfare at Work (Chemical Agents) Regulations 2001 (S.I. No. 619 of 2001)
Safety, Health and Welfare at Work (Carcinogens) Regulations 2001 (S.I. No. 78 of 2001)
Safety, Health and Welfare at Work (General Application) Regulations 2007
Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 2020/878
REGULATION (EU) 2016/425 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC

International regulations

Stockholm Convention on Persistent Organic Pollutants

List name	Ingredient name	Status
Not listed.		

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Epoxy Floor Paint - Curing Agent		
SECTION 15: Regulatory information		
List name	Ingredient name	Status
Not listed.		

CN code : 3208 90 91 00

Inventory list

Australia	: All components are listed or exempted.
Canada	: At least one component is not listed.
China	: All components are listed or exempted.
Eurasian Economic Union	: Russian Federation inventory: Not determined.
Japan	: Japan inventory (CSCL): At least one component is not listed. Japan inventory (ISHL): Not determined.
New Zealand	: All components are listed or exempted.
Philippines	: At least one component is not listed.
Republic of Korea	: At least one component is not listed.
Taiwan	: All components are listed or exempted.
Thailand	: Not determined.
Turkey	: Not determined.
United States	: At least one component is not listed.
Viet Nam	: Not determined.

15.2 Chemical safety assessment : This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and acronyms	: ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard statement N/A = Not available PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RRN = REACH Registration Number SGG = Segregation Group vPvB = Very Persistent and Very Bioaccumulative
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Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Eye Dam. 1, H318	Calculation method

Full text of abbreviated H statements

Ireland

Full text of abbreviated H statements	: <table><tr><td>H226</td><td>Flammable liquid and vapour.</td></tr><tr><td>H302</td><td>Harmful if swallowed.</td></tr><tr><td>H318</td><td>Causes serious eye damage.</td></tr><tr><td>H336</td><td>May cause drowsiness or dizziness.</td></tr><tr><td>H372</td><td>Causes damage to organs through prolonged or repeated exposure.</td></tr></table>	H226	Flammable liquid and vapour.	H302	Harmful if swallowed.	H318	Causes serious eye damage.	H336	May cause drowsiness or dizziness.	H372	Causes damage to organs through prolonged or repeated exposure.
H226	Flammable liquid and vapour.										
H302	Harmful if swallowed.										
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H336	May cause drowsiness or dizziness.										
H372	Causes damage to organs through prolonged or repeated exposure.										

Epoxy Floor Paint - Curing Agent

[Full text of classifications \[CLP/GHS\]](#)

Acute Tox. 4	ACUTE TOXICITY - Category 4
Eye Dam. 1	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1
Flam. Liq. 3	FLAMMABLE LIQUIDS - Category 3
STOT RE 1	SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 1
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3

Version : 5.01

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.