

**Section 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND IDENTIFICATION OF THE COMPANY****1.1. PRODUCT IDENTIFIER****Trade name** FOME FLEX HYDROPROTECT Membrane**UFI code :** Mixture does not require registration in PCN.**1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND ADVISED AGAINST USES****Identified applications:** Construction chemistry. A preparation for surface seamless sealing of substrates with high moisture intensity (kitchens, bathrooms, toilets, laundries, shower cabins) before laying ceramic tiles and for creating moisture-proof coatings in underfloor heating systems. The product is intended for use as a waterproofing coating on concrete substrates, cement plasters, cement-lime plasters, gypsum plasters, plasterboards, screeds.**1.3. INFORMATION REGARDING THE SUPPLIER OF THE PRODUCT CHARACTERISTICS CARD****Supplier** **UAB TEGRA STATE**  
Savanoriu ave 178A, LT-03154 Vilnius, LITHUANIA  
Tel.:+37052661167  
www.tegrastate.eu  
E-mail: info@tegragroup.eu**1.4. EMERGENCY TELEPHONE NUMBER**

998, from landline phones 112, or the nearest local fire department.

**Section 2. HAZARD IDENTIFICATION****2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:****Classification according to Regulation (EC) No 1272/2008:**

Physical and chemical hazards: not classified as hazardous.  
Health hazards: not classified as hazardous.  
Environmental hazards: not classified as hazardous  
Additional information: EUH208 - Contains 1,2-benzisothiazolin-3-one and a post-reaction mixture of 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May cause an allergic reaction.

**2.2. LABELLING ELEMENTS****Labelling according to Regulation 1272/2008/EC [CLP]:****Hazard pictograms:** None**Warning phrase:** None**Hazard statements (H):** None**Precautionary statements (P):**

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P264 Wash hands thoroughly after handling.  
P280 Wear protective gloves, protective clothing, eye protection, face protection.  
P333+313 If skin irritation or rash occurs: Get medical advice/attention.  
P501 Dispose of contents/container in accordance with national regulations.

**Supplementary information:**

EUH208 - Contains a post-reaction mixture of 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May cause an allergic reaction. Contains protective measures for products during their storage, in accordance with the regulation on making available on the market and use of biocidal products (EU) No 528/2012 Art. 58(3).

### 2.3. OTHER HAZARDS

Based on available information, the product does not contain in concentrations exceeding 0.1% any substances:

- meeting the criteria of Annex XIII to Regulation 1907/2006/EC (REACH), classified as persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB),
- listed in the list established in accordance with Article 59(1) of properties disrupting the endocrine system, identified as having properties disrupting the endocrine system in accordance with the criteria laid down in Delegated Regulation (EU) 2017/2100 or Regulation (EU) 2018/605.

## Section 3. COMPOSITION/INFORMATION ON COMPONENTS

### 3.1. SUBSTANCES

The product is not a substance.

### 3.2. MIXTURES

Water-based mixture of acrylic-styrene dispersion, other additives, and mineral fillers.

#### **HAZARDOUS INGREDIENTS**

Number	Ingredient name	Classification	% by weight
CAS:1336-21-6EC:215-647-6 Index: 007-001-01-2	ammonia aqueous solution	Skin Corr. 1B H314 Eye Dam. 1 H318 STOT SE 3 H335 Aquatic Acute 1 H400	<0,0777
CAS:112-34-5EC:203-961-6 Index: 603-096-00-8	2-(2-butoxyethoxy)ethanol	Eye Irrit. 2 H319	<0,0600
CAS: 2634-33-5 WE:220-120-9 Index: 613-088-00-6	1,2-benzisothiazol-3-one	Acute Tox. 4 H302 Skin Irrit. 2 H315 Eye Dam. 1 H318 Skin Sens. 1 H317 Aquatic Acute 1 H400	<0,0270
CAS: 55965-84-9 WE: 611-341-5 Index: 613-167-00-5	post-reaction mixture of 5-chloro-2-methyl-2H-isothiazol-3-one [EC No 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No 220-239-6] (3:1)	Acute Tox. 3, H301 Acute Tox. 2, H330 Acute Tox. 2, H310 Skin Corr. 1C, H314 Skin Sens. 1A, H317 Eye Dam. 1 H318 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100) Specific concentration limits: Skin Corr. 1C; H314: C ≥ 0,6 % Skin Irrit. 2; H315: 0,06 % ≤ C < 0,6 % Eye Dam. 1; H318: C ≥ 0,6 % Eye Irrit. 2; H319: 0,06 % ≤ C < 0,6 % Skin Sens. 1 A; H317: C ≥ 0,0015 %	< 0,0015 %

*Meaning of H phrases – see Section 16.*

**Substances for which community maximum permissible concentrations in the workplace have been established:** None.

**PBT or vPvB substances:** None.

**SVHC substances:** None.

**Substances in nanoparticle form:** None.

Substances listed in the list established in accordance with Article 59(1) on properties disrupting the endocrine system, identified as having properties disrupting the endocrine system in accordance with the criteria laid down in Delegated Regulation (EU) 2017/2100 or Regulation (EU) 2018/605: None.

## Section 4. FIRST AID MEASURES

### 4.1. DESCRIPTION OF FIRST AID MEASURES

#### General recommendations

Immediately remove contaminated clothing. Lead the victim out of the danger zone. If any worrying symptom occur, contact a doctor.

**Eye contact**

Remove contact lenses. Immediately rinse eyes with running water for at least 15 minutes. Seek medical advice if irritation persists.

**Skin contact**

Remove dirty clothes. Wash skin contaminated with the product with plenty of soap and water and rinse well. Seek advice from a dermatologist if skin irritation occurs.

**Inhalation**

If exposed by inhalation, remove the victim from the contaminated atmosphere, ensure access to fresh air.

**Ingestion**

Rinse mouth with water. Drink several glasses of water. Do not induce vomiting. Seek medical advice if any discomfort occurs or persists.

**4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

Skin contact - may cause dryness, skin irritation.

Eye contact - may damage the cornea of the eye.

**4.3. INDICATIONS OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

Act according to the instructions received under the emergency phone number, see section 1.4, or emergency physician.

**Section 5. FIRE-FIGHTING MEASURES****5.1. EXTINGUISHING MEDIA**

**Appropriate:** The product is not flammable. Use generally recommended extinguishing agents suitable for the type of burning materials in the environment (carbon dioxide (CO<sub>2</sub>), fire powders, atomized water).

**Inappropriate:** Do not use solid water streams.

**5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE or MIXTURE**

The product is not flammable. Do not inhale fumes and gases produced during a fire. See also section 10.

**5.3. INFORMATION FOR FIREFIGHTERS**

Follow the procedures applicable for extinguishing chemical fires. Do not allow fire-fighting wastewater to enter sewage and waters. Dispose of fire residues in accordance with applicable regulations. Depending on the size of the fire, wear breathing apparatus with an independent air source and chemical-resistant protective suits and clothing.

**Section 6. ACCIDENTAL RELEASE MEASURES****6.1. INDIVIDUAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES**

Restrict access of unrelated persons to the accident area until the completion of appropriate cleaning operations. Observe recommended precautions, use individual protective measures (see section 7 and 8).

**6.2. ENVIRONMENTAL PRECAUTIONS**

In case of an accident, do not allow discharges to the environment. Prevent the product from entering the municipal water and sewage system and water tanks. Dispose of according to the recommendations presented in section 13.

**6.3. METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP**

Remove mechanically; cover the remainder with a layer of moist, fluid-binding material (e.g., sawdust, calcium silicate hydrate based chemical binder, sand). Collect and remove in accordance with applicable regulations. Transfer mechanically to a designated, sealed container for safe disposal of the product. Remove contaminated soil and dispose of it safely. Collect the product in a labeled container until destruction. Floors and other surfaces and contaminated items should be washed thoroughly with water immediately. Dispose of according to the recommendations in section 13.

**6.4. REFERENCES TO OTHER SECTIONS**

Individual protective measures - Section 8. Waste management - Section 13.

**Section 7. HANDLING AND STORAGE OF SUBSTANCES AND MIXTURES****7.1. PRECAUTIONS FOR SAFE HANDLING**

During use and storage of the product, comply with generally applicable regulations on safety and hygiene at work with chemicals.

**Recommendations for safe handling**

Use in accordance with the purpose and the recommendations contained in the manufacturer's instructions. After use, close the container tightly. Observe personal hygiene rules, use appropriate personal protective equipment (see sec. 8).

**Fire and explosion protection recommendations**

The material does not pose an explosion hazard, however, warehouses should be treated as explosion hazard areas in accordance with applicable regulations.

**Occupational hygiene recommendations**

Avoid eye and skin contamination and inhalation of vapors. Comply with the principles of good industrial hygiene. Use appropriate personal protective equipment (see section 8).

Do not eat, drink, or smoke in the workplace. Wash hands with soap and water before breaks and at the end of work. Apply a skin-protective ointment. Immediately remove contaminated clothing, clean/wash before reuse. It is recommended to store absorbent material near the product.

**7.2. CONDITIONS FOR SAFE STORAGE INCLUDING ANY INCOMPATIBILITIES**

Store only in original, tightly closed containers, in cool and well-ventilated rooms. Recommended storage temperature: 5-30°C. Keep away from foodstuffs. For more information see sections 7.1 and 10.5.

**7.3. SPECIFIC END USE(S)**

Refer to section 1.2. For additional information, please contact the card supplier.

**Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION****8.1. CONTROL PARAMETERS****Maximum permissible concentration values in the workplace**

Components of the product for which permissible concentration values in the workplace are set *according to the Regulation of the Minister of Family, Labor and Social Policy on the highest permissible concentrations and intensities of harmful factors for health in the workplace.*

**2-(2butoxyethoxy)ethanol[CAS: 112-34-5]**

NDS – 67 mg/m<sup>3</sup>; NDSC<sub>h</sub> - 100 mg/m<sup>3</sup>; NDSP - not specified

**Monitoring Procedures**

The mode, type, and frequency of tests and measurements should meet the requirements contained in the Regulation of the Minister of Health on tests and measurements of harmful factors for health in the workplace.

**Permissible biological values**

Not specified.

**DNEL i PNEC:**

1,2- benzoizotiazolin-3-on (CAS: 2634-33-5):

Area	Route of exposure	Health effect	Descriptor	Value	Unit
Worker	Skin	Long term	DNEL	0,966	mg/kg bw/day
Worker	Respiratory	Long term	DNEL	6,81	mg/m <sup>3</sup>
Consumer	Respiratory	Long term	DNEL	1,2	mg/m <sup>3</sup>
Consumer	Skin	Long term	DNEL	0,345	mg/kg bw/day
Environment	Fresh water		PNEC	0,00403	mg/l
Environment	Marine water		PNEC	0,0011	mg/l
Environment	Sediment – fresh water		PNEC	0,0499	mg/kg
Environment	Sediment - marine water		PNEC	0,00499	mg/kg
Environment	Soil		PNEC	3	mg/kg
Environment	Sewage treatment plant STP		PNEC	1,03	mg/l

Mixture 5-chloro-2-methyl-2H-isothiazol-3-one [EC: 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC: 220-239-6] (3:1) (CAS: 55965-84-9):

Area	Route of exposure	Health effect	Descriptor	Value	Unit
Worker	Respiratory	Long term	DNEL	0,02	mg/kg bw/day
Worker	Respiratory	Short term	DNEL	0,11	mg/m3
Consumer	Ingestion	Short term	DNEL	0,04	mg/kg bw/day
Consumer	Respiratory	Long term	DNEL	0,02	mg/m3
Consumer	Respiratory	Short term	DNEL	0,04	mg/m3
Environment	Fresh water		PNEC	0,00339	mg/l
Environment	Marine water		PNEC	0,00339	mg/l
Environment	Sediment – fresh water		PNEC	0,027	mg/kg
Environment	Sediment - marine water		PNEC	0,027	mg/kg
Environment	Soil		PNEC	0,01	mg/kg
Environment	Sewage treatment plant STP		PNEC	0,23	mg/l

## 8.2 EXPOSURE CONTROLS

### 8.2.1 Relevant technical control measures

Ensure adequate ventilation at workstations. Under normal conditions, when handling sealed containers, with efficient ventilation and adherence to safety rules, the use of additional protection is not necessary. It is recommended to install eye-wash devices near workstations. Also see section 7.

### 8.2.2 Individual protection measures, such as personal protective equipment

Immediately remove clothing contaminated with the product. Wash hands before each break and after finishing work. Do not eat, drink, or smoke tobacco at the workplace. Avoid skin contact. Do not allow eye contamination. The use of protective creams for moisturizing the skin is recommended. Personal protective measures should meet the requirements specified in standards and regulations.



#### Respiratory Protection

At workplaces with insufficient ventilation and during processing by the injection method (possibly during spray application), appropriate respiratory protective equipment is necessary. A fresh air-supplied mask is recommended, and for short-term work, a combined A2-P2 filter.



#### Hand Protection

When working with the product, wear appropriate protective gloves, e.g., butyl, nitrile, chloroprene. Gloves should comply with EN 374, a minimum thickness of 0.2 mm, and a breakthrough time of at least 240 minutes. The protective properties of gloves depend on the type of material they are made from. The protective action time may vary for different glove manufacturers. For many substances, the protective action time of gloves cannot be precisely estimated. Considering the parameters provided by the glove manufacturer, attention should be paid during the use of the product as to whether the gloves still retain their protective properties.



#### Eye Protection

Wear tightly fitting protective glasses to protect against product splashes.



#### Skin Protection

According to exposure, when working with the product, wear appropriate protective clothing and footwear.

#### **Additional recommended emergency protective measures:**

Emergency shower, eye wash station.

### 8.2.3 Environmental exposure control

Prevent the product from reaching groundwater, sewage, wastewater, or soil.

## Section 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

- |                     |                     |
|---------------------|---------------------|
| a) State of matter: | Uniform paste       |
| b) Color            | Black               |
| c) Odor             | Characteristic weak |

d) Melting/Freezing point	approx. 0°C
e) Boiling point or initial boiling point and boiling range	approx 100°C
f) Flammability	Non-flammable
g) Lower and upper explosion limit	Not applicable
h) Flash point	Not applicable
i) Auto-ignition temperature	Not applicable
j) Decomposition temperature	Not determined
k) pH	approx 7-9
l) Kinematic viscosity	Not determined
Dynamic viscosity	Not determined
m Solubility	In water: partially soluble; completely miscible
)	
n) n-Octanol/Water Partition Coefficient	Not applicable
o) Vapor pressure	Not determined
p) Relative density	Not determined
Bulk density	approx. 1,4-1,6 g/cm <sup>3</sup> (20°C)
q) Relative vapor density	Not determined
r) Particle characteristics	Not applicable

## 9.2. OTHER INFORMATION

**9.2.1. Information regarding physical hazard classes:** Not applicable

### 9.2.2. Other safety properties

    Volatile Organic Compound (VOC) Content: Not determined

## Section 10. STABILITY AND REACTIVITY

### 10.1. REACTIVITY

None under storage conditions and handling in accordance with its intended use.

### 10.2. CHEMICAL STABILITY

Chemically stable under storage and use conditions.

### 10.3. POSSIBILITY OF HAZARDOUS REACTIONS

None under normal usage and storage conditions.

### 10.4. CONDITIONS TO AVOID

Temperatures below 0°C. High temperatures.

### 10.5. INCOMPATIBLE MATERIALS

No specific requirements.

### 10.6. HAZARDOUS DECOMPOSITION PRODUCTS

No hazardous decomposition products occur with proper storage and handling.

## Section 11. TOXICOLOGICAL INFORMATION

### 11.1. INFORMATION ON HAZARD CLASSES DEFINED IN REGULATION(EC) NO 1272/2008

#### a) Acute toxicity

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

**Estimated acute toxicity of the mixture (ATE mix):**

Oral: ATE mix &gt; 5000 mg/kg (calculated)

Skin: ATE mix &gt; 5000 mg/kg (calculated)

Inhalation: ATE mix &gt; 5000 mg/kg (calculated)

Data regarding components:

1,2-benzisothiazol-3(2H)-one (CAS: 2634-33-5):

Oral: LD50 = 490-670 mg/kg (rat) - acute toxicity

Skin: LD50 = 2000 mg/kg (rat) - acute toxicity

Oral: NOAEL = 69-150 mg/kg bw/day (rat) - toxicity after repeated administration.

Post-reaction mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EC no. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EC no. 220-239-6) (3:1) [CAS: 55965-84-9]:

Acute toxicity.

Oral LD50: 53-64 mg/kg (rat)

Skin LD50: 87 mg/kg (rat)

Inhalation LC50: 0.17-0.31 mg/l/4h (rat)

**b) Skin corrosion/irritation**

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

**c) Serious eye damage/eye irritation**

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

**d) Respiratory or skin sensitization**

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

**e) Germ cell mutagenicity**

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

**f) Carcinogenicity**

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

**g) Reproductive toxicity**

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

**h) Specific target organ toxicity - single exposure**

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

**i) Specific target organ toxicity - repeated exposure**

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

**j) Aspiration hazard**

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

**Symptoms and effects of exposure**

Overexposure can cause irritation and dryness of the skin, redness, cracking.

**11.2. INFORMATION ABOUT OTHER HAZARDS**

Endocrine disrupting properties The product does not contain components listed in the registry established according to Art. 59(1) as having endocrine disrupting properties or components with endocrine disrupting properties according to the criteria defined in Regulation 2017/2100/EU or Regulation 2018/605/EU in a concentration equal to or greater than 0.1%.

Other information: Unknown.

**Section 12. ECOLOGICAL INFORMATION****12.1. TOXICITY**

Based on available data, the classification criteria for acute aquatic toxicity hazard classes are not met for the mixture. The mixture is harmful to aquatic organisms, causing long-term changes.

**Mixture of 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no 220-239-6] (3:1) (CAS: 55965-84-9):**

LC50 - fish (*Oncorhynchus mykiss*): 0.22 mg/l (96h)  
 EC50 - invertebrates (*Daphnia magna*): 0.1 mg/l (48h)  
 EC50 - invertebrates (*Skeletonema costatum*): 0.0052 mg/l (48h)  
 EC50 - algae (*Pseudokirchneriella subcapitata*): 0.048 mg/l (72h)  
 NOEC - fish (*Oncorhynchus mykiss*): 0.098 mg/l (28 days)  
 NOEC - invertebrates (*Daphnia magna*): 0.004 mg/l (21 days)  
 NOEC - invertebrates (*Skeletonema costatum*): 0.00064 mg/l (48h)  
 NOEC - algae (*Pseudokirchneriella subcapitata*): 0.0012 mg/l (72h)  
 EC50 - activated sludge: 7.92 mg  
 EC20 - active sludge: 0.97 mg/l (3h)

Assessment: It is toxic to aquatic organisms, causing long-term effects.

**1,2-benzisothiazol 3(2H)-one (CAS: 2634-33-5):**

LC50 – fish (*Oncorhynchus mykiss*,  
 OECD 203): 0.8-2.18 mg/l (96h)  
 LC50 – fish: 2.15-22 mg/l (4 days)  
 EC50 – invertebrates (*Daphnia magna*, OECD 202): 2.9-2.94 mg/l (48h)  
 EC50 – water algae and cyanobacteria: 0.07-0.15 mg/l / 72h  
 NOEC – water algae and cyanobacteria: 0.0403-0.055 mg/l / 72h  
 EC50 – water microorganisms: 12.8 - 24 mg/L/3h  
 NOEC – water microorganisms: 10.3 - 11 mg/l/3h  
 NOEC – soil microorganisms: 263.7 mg/kg soil (28 days)  
 EC50 – soil microorganisms: 811.5 mg/kg soil (28 days)

## 12.2. PERSISTENCE AND DEGRADABILITY

Potential for rapid degradation of organic substances:

**Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EINECS 247-500-7) and 2-methyl-2H-isothiazol-3-one (EINECS 220-239-6) (CMIT/MIT Mixture) (CAS: 55965-84-9):**

OECD 301 D Closed-Bottle-Test >60% S 200 (b)  
 OECD 308 Simulation Biodegradation Aqu Sed System 1.82-1.92 d, S 617

**1,2-benzisothiazol-3(2H)-one (CAS: 2634-33-5):**

OECD 307 Aerobic and Anaerobic Transformation Soil 0.04 d, S 5025

Behavior in wastewater treatment plants:

**Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EINECS 247-500-7) and 2-methyl-2H-isothiazol-3-one (EINECS 220-239-6) (CMIT/MIT Mixture) (CAS: 55965-84-9):**

OECD 302 B Zahn-Wellens Test 100% S 2387; OECD 303 A: Activated Sludge Units >80%, S 199 (b) Assessment: The substance is biodegradable in the active sediment section.

**1,2-benzisothiazol-3(2H)-one (CAS: 2634-33-5):**

OECD 302 B Zahn-Wellens Test ~ 90%; S 3509, OECD 303 A: Activated Sludge Units 80%; S 978

Assessment: The substance is biodegradable in the active sediment section.

## 12.3. BIOACCUMULATIVE POTENTIAL

There is no basis for bioaccumulation due to the physicochemical properties of the product.

Octanol/water partition coefficient (Kow): no data for the product.

Bioconcentration factor (BCF): no data for the product.

**Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EINECS 247-500-7) and 2-methyl-2H-isothiazol-3-one (EINECS 220-239-6) (CMIT/MIT Mixture) (CAS: 55965-84-9)**

Bioconcentration factor BCF: 3.16 (calculated), OECD 117

Partition coefficient log Pow (HPL method) ≤0.71 (n-octanol/water), S 5

Assessment: It does not accumulate in living organisms.



**1,2-benzisothiazol-3(2H)-one (CAS: 2634-33-5):**

BCF factor: 6.62

Partition coefficient log Pow: -0.99 at 30oC, log Kow coefficient: 0.7 at 20oC. Assessment: It does not accumulate in living organisms.

**12.4. MOBILITY IN SOIL**

No data.

**12.5. RESULTS OF PBT AND vPvB PROPERTIES ASSESSMENT**

Substances contained in the mixture do not meet the PBT and vPvB criteria.

**12.6. ENDOCRINE DISRUPTING PROPERTIES**

No data.

**12.7. OTHER ADVERSE EFFECTS**

Not applicable.

**Section 13. WASTE TREATMENT****General information**

Where possible, reduce or eliminate waste generation. Observe precautions specified in sections 7 and 8.

**13.1. WASTE DISPOSAL METHODS**

**Waste classification:** appropriate to the place of production based on criteria contained in applicable regulations (*Regulation of the Minister of Climate on the waste catalog*).

The owner of the product waste and contaminated packaging is obliged to act in accordance with the *Waste Act* and regulations on packaging and packaging waste. According to applicable regulations, generated waste should be stored and handed over to a unit authorized to manage waste (a company that has a permit from the competent authority to manage waste) or agree on the method of waste disposal with the relevant Environment Protection Department.

If the product has been used in any further operations/processes, the end user should define the resulting waste and assign the appropriate code. The detailed waste code depends on the place and method of using the product. The detailed waste code depends on the place and method of using the product.

**Disposal of waste product:**

08 04 10 - Waste adhesives and sealants other than those mentioned in 08 04 09.

**Disposal of waste cured product:**

17 01 80 - removed plasters, wallpapers, linings etc. or

17 01 82 - Other unspecified waste.

**Disposal of packaging waste**

Contaminated packaging:

Hand over to a specialized company for disposal, if the container is contaminated with the product, it should be handled the same as the product.

Cleaned packaging:

With cleaned packaging, it can be treated like non-hazardous waste. Recover (recycling) or dispose of packaging waste in accordance with applicable regulations.

15 01 02 - Plastic packaging.

**Section 14. TRANSPORT INFORMATION**

It is not a dangerous transport material. No special classification is required. No special conditions are required beyond those included in Section 8.

NOTE: Packages with the product should be secured against shifting during transport, atmospheric influences, and sunlight. The product is based on water dispersion. Protect from frost and high temperatures. Transport using covered means of transport at temperatures +5oC - +25oC. Winter transport under temperature controlled conditions.

<b>14.1. UN number or ID number</b>	It is not a dangerous transport material.
<b>14.2. Correct UN shipping name</b>	It is not a dangerous transport material.
<b>14.3. Transport hazard class(-es)</b>	It is not a dangerous transport material.
<b>14.4. Packing group</b>	It is not a dangerous transport material.
<b>14.5. Environmental hazards</b>	It is not a dangerous transport material.
<b>14.6. Special precautions for users</b>	It is not a dangerous transport material.
<b>14.7. Bulk transport in accordance with IMO instruments</b>	It is not a dangerous transport material.

## Section 15. LEGAL REGULATIONS INFORMATION

### 15.1. LEGAL PROVISIONS REGARDING SAFETY, HEALTH, AND ENVIRONMENTAL PROTECTION SPECIFIC TO THE SUBSTANCE OR MIXTURE

- 1) Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of December 18, 2006, concerning the Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, with subsequent amendments.
- 2) Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of December 16, 2008, on the classification, labeling, and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006 (OJ EU L No. 353 of 31.12.2008, with subsequent amendments).
- 3) Commission Regulation (EU) 2020/878 of June 18, 2020, amending Annex II to Regulation (EC) No. 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH).
- 4) The Act of February 25, 2011, on chemical substances and their mixtures (uniform text: Journal of Laws 2022, item 1816).
- 5) Regulation of the Minister of Family, Labor and Social Policy of June 12, 2018, on the maximum allowable concentrations and intensities of factors harmful to health in the work environment (Journal of Laws 2018, item 1286 with subsequent amendments).
- 6) Regulation of the Minister of Health of December 30, 2004, on safety and hygiene of work related to the presence of chemical factors at the workplace (uniform text: Journal of Laws 2016, item 1488).
- 7) Regulation (EU) 2016/425 of the European Parliament and of the Council of March 9, 2016, on personal protective equipment and repealing Council Directive 89/686/EEC (OJ L 81 of 31.03.2016).
- 8) Regulation of the Minister of Health of February 2, 2011, on examinations and measurements of factors harmful to health in the work environment (Journal of Laws 2011, No. 33, item 166 with subsequent amendments) together with the announcement of February 6, 2023, on the proclamation of the uniform text of the regulation (Journal of Laws 2023, item 419).
- 9) The Act of August 19, 2011, on the transport of dangerous goods (uniform text: Journal of Laws 2022, item 2147).
- 10) The Act of December 14, 2012, on waste (uniform text: Journal of Laws 2022, item 699 with subsequent amendments).
- 11) The Act of June 13, 2013, on the management of packaging and packaging waste (uniform text: Journal of Laws 2023, item 160).
- 12) Regulation of the Minister of Climate of January 2, 2020, on the waste catalogue (Journal of Laws 2020, item 10).

### 15.2. CHEMICAL SAFETY ASSESSMENT

A chemical safety assessment has not been carried out - it is not required for the mixture.

## Section 16. OTHER INFORMATION

### List of hazard or precautionary statements indicated on the safety data sheet:

Acute Tox. 2 - Acute toxicity, category 2

H330 - Fatal if inhaled

H310 - Fatal in contact with skin

Acute Tox. 3 - Acute toxicity, category 3

H301 - Toxic if swallowed

Skin Sens. 1 - Skin sensitization, category 1

H317 - May cause an allergic skin reaction

Eye Dam. 1 - Serious eye damage/eye irritation, category 1

H318 - Causes serious eye damage

Aquatic Acute 1 - Hazardous to the aquatic environment, acute hazard, category 1

Aquatic Chronic 1 - Hazardous to the aquatic environment, chronic hazard, category 1

M=100 - Coefficient used for substances classified as hazardous to the aquatic environment chronic exposure category 1 or acute category 1, used for the classification of mixtures containing the substance, by calculation method.

### Explanation of abbreviations and acronyms used in the safety data sheet:

UFI - Unique Formula Identifier

MAC (NDS) - Maximum allowable concentration at the workplace – the highest permissible average weighted concentration, the impact of which on the employee during an 8-hour workday, throughout the period of his professional activity, should not cause changes in his health status or the health status of his future generations

STEL - Short-term exposure limit  
NDSP(MAPC)- Maximum allowable peak concentration  
DNEL: Derived No-Effect Level  
PNEC: Predicted No-Effect Concentration  
SVHC – Substances of Very High Concern  
vPvB (Substance) Very Persistent and Very Bioaccumulative  
PBT (Substance) Persistent, Bioaccumulative and Toxic  
COD(ChZT): Chemical Oxygen Demand (COD)  
BOD(BZT): Biochemical Oxygen Demand (BOD5) over 5 days  
BCF - Bioconcentration Factor – the ratio of the concentration of a substance in an organism to its concentration in water at equilibrium  
EC50: Effective concentration (concentration of a component at which 50% of organisms show an effect in a specified time)  
LD50: Lethal dose median – dose at which 50% of the test animals die within a specified time frame  
LC50: Lethal concentration median - concentration at which 50% of test animals die within a specified time frame  
EC50: Median effective concentration  
ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road  
IMDG: International Maritime Dangerous Goods Code  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organization

**Main sources of literature and data :**

<http://echa.europa.eu>; <http://eur-lex.europa.eu>; <https://isap.sejm.gov.pl>

**Information regarding classification:**

The classification was made based on data on the content of hazardous ingredients using a computational method, based on the criteria according to the applicable legal acts listed in section 15.1.

**Information regarding the update of the safety data sheet:**

Sections 1, 2, 3, 8, 9, 11, 12, 13, 15 have been adapted to the layout of the safety data sheet to Regulation 2020/878.

**Recommendations for specified employee training to ensure human health and environmental protection:**

It is recommended that staff who will come into contact with this product be trained at a basic level in occupational safety to facilitate understanding and interpretation of the safety data sheet and product label. The information contained in this data sheet is developed based on the current state of knowledge and concerns the product in the form in which it is used. Data for this product is presented to comply with safety requirements, not to guarantee its properties. This Safety Data Sheet has been prepared in accordance with applicable legal regulations, based on data provided by the substance manufacturers.