

**1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

- 1.1 Product identifier:** ElaProof FLOOR X
Other means of identification:
Non-applicable
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
Relevant uses: Floor Coating. For professional users only.
Purpose code: PC-ADH-2 Adhesives and sealants - building and construction works (except cement-based adhesives)
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Details of the supplier of the safety data sheet:**
Build Care Oy Ltd.
Kelatie 6
FI-01450 Vantaa, Finland
Tel.: +358 20 790 2710
E-mail: info@buildcare.fi
<https://www.elaproof.com>
Business ID: 0710945-5
- 1.4 Emergency telephone number:**
For Chemical Emergencies: +358 9 471 977 or 0800 147 111

2 HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**
Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008. The product is not classified as hazardous, according to the CLP regulation.
- 2.2 Label elements**
Labelling according to Regulation (EC) No 1272/2008 Void
Hazard pictograms Void
Signal word Void
Hazard statements Void
Additional information:
EUH208: Contains 1,2-Benzisothiazol-3(2H)-one (BIT), reaction mass of 5-Chloro-2-methyl-4-iso-thiazol-3-one and 2-Methyl-2H-isothiazol-3-one (3:1) (CIT/MIT). May produce an allergic reaction.
EUH210: Safety data sheet available on request.
EUH211: Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
Additional Labelling:
For use in industrial installations or professional treatment only
- 2.3 Other hazards**
Results of PBT and vPvB assessment, see section 12.5.
Endocrine disrupting properties: The product does not contain substances identified as having endocrine disrupting properties in quantities exceeding the notification threshold of $\geq 0.1\%$.

3 COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Substance:**
Non-applicable
- 3.2 Mixture:**
Chemical description: Aqueous, mixed polymer dispersion
Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

Identification	Chemical name/Classification		Concentration
CAS: 14808-60-7 EC: 238-878-4 REACH: Non-applicable	Crystalline Silica		< 8 %
	Note (1)	CLP regulation	
CAS: 65997-17-3 EC: 266-046-0	Soda-lime-silicate glass		< 7 %
	Note (1)	CLP regulation	

REACH: Non-applicable CAS: 14807-96-6 EC: 238-877-9 REACH: Non-applicable	Talc Note (1)	CLP regulation	< 7 %
CAS: 13463-67-7 EC: 236-675-5 Index: 022-006-002 REACH: 01-2119489379-17	Titanium dioxide Regulation 1272/2008	Carc. 2; H351	< 1 %
CAS: 1317-61-9 EC: 215-277-5 REACH: 01-2119457646-28	Tri iron tetra oxide Note (1)	CLP regulation	< 1 %
CAS: 2634-33-5 EC: 220-120-9 Index: 613-088-00-6 REACH: Non-applicable	1,2-benzisotiazol-3(2H)-one Regulation 1272/2008	Acute Tox. 2; H330; Acute Tox. 4; H302; Skin Irrit. 2; H315; Eye Dam. 1; H318; Skin Sens. 1A; H317; Aquatic Acute 1; H400; M-factor 1; Aquatic Chronic 1; H410	< 0,036 %
CAS: 55965-84-9 EC: 611-341-5 Index: 613-167-00-5 REACH: 01-2120764691-48xxxx	Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) Regulation 1272/2008	Acute Tox. 2; H310; Acute Tox. 2; H330; Acute Tox. 3; H301; Skin Corr. 1C; H314; Eye Dam. 1; H318; Skin Sens. 1A; H317; Aquatic Acute 1; H400; M-factor 100; Aquatic Chronic 1; H410; M-factor 100	< 0,0015 %

(1) Substance with an occupational exposure limit value

Other information:

The product is not classified as carcinogenic by inhalation (Carc. 2) based on titanium dioxide (CAS: 14808-60-7) because the product is a liquid.

Specific concentration limits and acute toxicity estimates (ATE):

1,2-benzisothiazol-3(2H)-one CAS: 2634-33-5	Skin Sens. 1; H317: C ≥ 0.036 % ATE (Inhalation, dust/mist) = 0.21 mg/l ATE (Oral) = 450 mg/kg bw
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) CAS: 55965-84-9	Eye Dam. 1; H318: C ≥ 0.6 % Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 % Skin Corr. 1C; H314: C ≥ 0.6% Skin Irrit. 2; H315: 0.06% ≤ C < 0.6% Skin Sens. 1A; H317: C ≥ 0.0015% ATE (Inhalation, dust/mist) = 0.05 mg/l ATE (Oral) = 100 mg/kg bw ATE (Dermal) = 50 mg/kg bw

To obtain more information on the hazards of the substances consult section 16.

4 FIRST AID MEASURES

4.1 Description of first aid measures

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By ingestion:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

By skin contact:

May cause an allergic skin reaction. In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes on the skin (stinging, redness, rashes, blisters, ...), seek medical advice with this Safety Data Sheet.

By eye contact:

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.

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

Contains a mixture of 5-Chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) and 1,2-benzisothiazol-3(2H)-one. May cause an allergic skin reaction.

Delayed symptoms and effects:

No delayed symptoms or effects are known.

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

No hazards, which require special first aid. Treat symptomatically.

5 FIREFIGHTING MEASURES**5.1 Extinguishing media:****Suitable extinguishing media:**

Product is non-flammable under normal conditions of storage, handling, and use. In the case of combustion because of improper handling, storage or use preferably use water mist, foam, dry chemical, or carbon dioxide (CO₂).

Unsuitable extinguishing media:

Do not use a direct water jet (may spread fire)

5.2 Special hazards arising from the substance or mixture:

The product is not flammable. When the product burns, smoke, carbon monoxide, carbon dioxide and other products of incomplete combustion may be produced. Sulfur oxides (SO_x). Organic decomposition products. Alpha-methyl acrolein. Formaldehyde.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit, ...) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE because of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

6 ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment, and emergency procedures:****For non-emergency personnel:**

Isolate leaks if there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection.

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

Avoid any type of spillage into an aqueous medium. Notify the relevant authority in case of exposure to the public or the environment.

6.3 Methods and material for containment and cleaning up:

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Small amounts after cleaning can be flushed with plenty of water to clean spillage area. For any concern related to disposal consult section 13.

6.4 Reference to other sections:

See sections 8 and 13.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling:

- A. - General precautions for safe use Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).
- B. - Technical recommendations for the prevention of fires and explosions Product is non-flammable under normal conditions of storage, handling and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided.
- C. - Technical recommendations on general occupational hygiene Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.
- D. - Technical recommendations to prevent environmental risks Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in proximity.

7.2 Conditions for safe storage, including any incompatibilities:

- A. - Technical measures for storage
Store in a dry, well-ventilated area. Keep tightly closed. Do not store in unmarked containers.
Minimum Temp.: 5 °C
Maximum Temp.: 30 °C
Maximum time: 12 Months
- B. - General conditions for storage
Store away from direct sunlight. Avoid temperatures above 30°C. For additional information see subsection 10.5.

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits must be monitored in the workplace (European OEL, not country-specific legislation):

Identification	Substance	Exposure limit values
CAS: 14807-96-6	Talc	TWA (8 h): 0.5 mg/m ³ Notes: Talc, fibrous. TWA (8 h): 2 mg/m ³ Notes: Talc, granular. Respirable dust. TWA (8 h): 1 mg/m ³ Notes: Talc, granular. Alveolar fraction.
CAS: 1317-61-9	Tri iron tetra oxide	TWA (8 h): 5 mg/m ³ Exposure limit value Letter code: Fe Notes: Iron oxide, fumes
CAS: Non-applicable	Inorganic dust	TWA value (8 h): 10 mg/m ³

DNEL/PNEC: Chemical safety assessment not carried out, ingredient data not available.

8.2 Exposure controls:

General security and hygiene measures in the workplace:

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected, or apparent adverse effects.

Eye protection

If risk of splashing, wear safety goggles or face shield (EN 166).

Hand protection

Use suitable protective gloves if risk of skin contact (EN 374).

Skin and body protection

Use appropriate lightweight protective clothing.

Respiratory equipment

Use a sufficient respiratory protection if ventilation is improper.

Appropriate environmental exposure control

Do not allow product to enter drains, waterways or soil.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 20 °C:	Liquid
Color:	Gray
Odor:	Characteristic
Odor threshold:	Not available
pH:	9,0 - 9,5
Density at 20 °C:	1,34 g/cm ³
Viscosity (dynamic, at 20 °C):	Approx. 5 000 mPa·s
Melting point:	Non-applicable *
Boiling point at atmospheric pressure:	Non-applicable *
Flammability (solid, gas):	Non-applicable *
Flash Point:	Non-applicable *
Flammability:	Non-Flammable
Vapor density at 20 °C:	Non-applicable *
Particle characteristics:	Titanium dioxide particle size: 0.18 - 0.28 µm
Solubility in water at 20 °C:	Non-Soluble
Partition coefficient n-octanol/water 20 °C:	Non-applicable *

9.2 Other information:

Information regarding physical hazard classes: Non-applicable *

9.3 Other safety characteristics:

Surface tension at 20 °C: Non-applicable *
Refraction index: Non-applicable *

*Not relevant due to the nature of the product, not providing information property of its hazards.

10 STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

10.2 Chemical stability:

Chemically stable under the conditions of storage, handling, and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature. To avoid: frost, temperatures above 30°C.

10.5 Incompatible materials:

Not applicable materials.

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

When the product burns, smoke, carbon monoxide, carbon dioxide and other products of incomplete combustion may be produced. Sulfur oxides (SO_x). Organic decomposition products. Alpha-methyl acrolein. Formaldehyde.

11 TOXICOLOGICAL INFORMATION

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

The experimental information related to the toxicological properties of the product itself is not available.

Dangerous health implications:

Acute toxicity: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous for inhalation. For more information see section 3.

Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitizing effects. For more information see section 3.

- Cutaneous: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with sensitizing effects. For more information see section 3.

CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with carcinogenic effects. For more information see section 3.

- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
1,2-benzisothiazol-3(2H)-one CAS: 2634-33-5 EC: 220-120-9	LD50 oral	500 mg/kg	Rat
	LD50 dermal	> 2 000 mg/kg	Rat
	LD50 inhalation	Non-applicable	
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) CAS: 55965-84-9 EC: 611-341-5	LD50 oral	66 mg/kg	Rat
	LD50 dermal	87,12 mg/kg	Rabbit
	LD50 inhalation	0,171 mg/L (4 h)	Rat

11.2 Information on other hazards:

Endocrine disrupting properties Endocrine-disrupting properties:

The product does not contain substances that have been identified as having endocrine disrupting properties in amounts exceeding the notification threshold of $\geq 0.1\%$.

Other information:

Non-applicable

12 ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

12.1 Toxicity:

No environmental data is available for this specific product. The product is not classified as hazardous to the environment. Release of the product into the environment should be avoided.

12.2 Persistence and degradability:

Not available

12.3 Bio accumulative potential:

Not available

12.4 Mobility in soil:

Not available

12.5 Results of PBT and vPvB assessment:

The product does not contain PBT/vPvB substances in quantities exceeding the notification threshold of $\geq 0.1\%$.

12.6 Endocrine disrupting properties:

The product does not contain substances that have been identified as having endocrine disrupting properties in amounts exceeding the notification threshold of $\geq 0.1\%$.

12.7 Other adverse effects:

Not described

13 DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods:**

Code	Description	Waste class (Regulation (EU) No 1357/2014)
08 01 12	waste paint and varnish other than those mentioned in 08 01 11	Non dangerous

Type of waste (Regulation (EU) No 1357/2014):

Non-applicable

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product; it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommended disposal down the drain. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

14 TRANSPORT INFORMATION

This product is not regulated for transport (ADR, RID, ADN, ICAO/IATA, IMDG).

15 REGULATORY INFORMATION**15.1 Safety, health, and environmental regulations/legislation specific for the substance or mixture:**

Regulation (EC) No 528/2012: contains a preservative to protect the initial properties of the treated article. Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), 1,2-benzisothiazol-3(2H)-one.

Candidate substances for authorization under the Regulation (EC) No 1907/2006 (REACH): non-applicable.

Substances included in Annex XIV of REACH ("Authorization List") and sunset date: non-applicable.

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: non-applicable.

Article 95, REGULATION (EU) No 528/2012: 1,2-benzisothiazol-3(2H)-one (Product-type 2, 6, 9, 11, 12, 13); reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (Product-type 2, 4, 6, 11, 12, 13)

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Seveso III:

Non-applicable

Limitations to commercialization and the use of certain dangerous substances and mixtures (Annex XVII**REACH, etc.):**

Non-applicable

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments to establish the necessary risk prevention measures for the handling, use, storage, and disposal of this product.

Other legislation:

The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

16 OTHER INFORMATION**Legislation related to safety data sheets:**

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

**Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:**

Non-applicable

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:

Acute Tox. 2: H310+H330 - Fatal in contact with skin or if inhaled.

Acute Tox. 3: H301 - Toxic if swallowed.

Acute Tox. 4: H302 - Harmful if swallowed.

Skin Corr. 1C: H314 - Causes severe skin burns and eye damage.

Skin Irrit. 2: H315 - Causes skin irritation.

Skin Sens. 1: H317 - May cause an allergic skin reaction.

Eye Dam. 1: H318 - Causes serious eye damage.

Carc. 2: H351 - Suspected of causing cancer

Aquatic Acute 1: H400 - Very toxic to aquatic life.

Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

Classification procedure:

The classification has been assessed using the summation method in accordance with Regulation (EC) No 1272/2008 [CLP/GHS].

Advice related to training:

Minimal training is recommended to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:<http://echa.europa.eu><http://eur-lex.europa.eu>**Abbreviations and acronyms:**

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

TWA: Time Weight Average

DNEL: Derived No-Effect Level

PBT: Persistent, Bio accumulative, Toxic

PNEC: Predicted No-Effect Concentration

vPvB: very Persistent and very Bio accumulative substance

BCF: Bioconcentration factor

LD50: Lethal Dose 50

The information contained in this safety data sheet is based on sources, technical knowledge, and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product; it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- THE END OF MSDS -