Safety data sheet
according to 1907/2006/EC, Article 31

1 IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1 Product name: ElaProof H/S
Outdoor/ Indoor / Indoor + SAND/ Primer

1.2 Recommended use:
Elastic coating

1.3 Details of the supplier of the safety data sheet
Manufacturer/Supplier:
Build Care Oy Ltd.
Kelatie 6
FI-01450 Vantaa, Finland
Tel.: +358 20 790 2710
E-mail: info@buildcare.fi

1.4 Emergency telephone number:
For Chemical Emergencies:
Myrkytystietokeskus +358 9 471 977

2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
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.

2.3 Other hazards
Product fails to meet PBT/vPvB criteria.

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Other information
Mixed polymer dispersion

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

Chemical name/Classification			
No.	% Wt.	CAS No./ EC No./ Index No.	CLP/GHS Classification
1,2-Benzisothiazol-3(2H)-one			
1.	< 0,025	2634-33-5 220-120-9	Acute tox. 4; H302; Skin Irrit. 2; H315;

		613-088-00-6	Eye Dam. 1; H318; Skin Sens. 1; H317; Aquatic Acute 1; H400;
Reaction mass of 5-chloro-2-methyl-4-iso-thiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (1)			
2.	< 0,0013	55965-84-9 911-418-6 613-167-00-5	Acute Tox. 2; H310 Acute Tox. 2; H330 Acute Tox. 3; H301 Aquatic Acute 1; H400; M = 100 Aquatic Chronic 1; H410; EUH071; M = 100 Skin Corr. 1C; H314 Skin Sens. 1A; H317 Eye Dam. 1; H318

For full text of H-statements: see Section 16.

(1) Voluntarily listed substance that does not meet any of the criteria laid down in Regulation (EU) No. 2015/830

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:

Move to fresh air. Consult a physician after significant exposure.

By ingestion:

Clean mouth with water and drink afterwards plenty of water. Consult a physician. DO NOT induce vomiting unless directed to do so by a physician or a poison control center.

By skin contact:

Remove all contaminated clothing. Wash the skin with soap and plenty of water.

By eye contact:

Rinse immediately with plenty of water keeping eyelid open at least 10 minutes.

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

May cause eye, skin, and respiratory tract irritation in susceptible persons.

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

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).

5.2 Special hazards arising from the substance or mixture:

Do not allow run-off from firefighting to enter drains or water courses. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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).

Additional provisions: The product itself is not flammable

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment, and emergency procedures:
Ensure adequate ventilation. In case of dust or aerosol production, 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.

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:
Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

7.2 Conditions for safe storage, including any incompatibilities:
A.- Technical measures for storage

Store in a cool, dry, well-ventilated location

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. 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):
There are no occupational exposure limits for the substances contained in the product.

DNEL (Workers):

Identification		Short exposure		Long exposure	
		Systematic	Local	Systematic	Local
1,2-benzisothiazol-3(2H)-one	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 2634-33-5	Dermal	Non-applicable	Non-applicable	0,966 mg/kg bodyweight/day	Non-applicable
EC: 220-120-9	Inhalation	Non-applicable	Non-applicable	6,81 mg/m³	Non-applicable

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systematic	Local	Systematic	Local
1,2-benzisothiazol-3(2H)-one	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 2634-33-5	Dermal	Non-applicable	Non-applicable	0,345 mg/kg bodyweight/day	Non-applicable
EC: 220-120-9	Inhalation	Non-applicable	Non-applicable	1,2 mg/m³	Non-applicable

PNEC:

Identification				
1,2-benzisothiazol-3(2H)-one	STP	1,03 mg/L	Fresh water	0,00403 mg/L

CAS: 2634-33-5 EC: 220-120-9	Soil	3 mg/kg	Marine water	0,000403 mg/L
	Intermittent	0,0011 mg/L	Sediment (Fresh water)	0,0499 mg/L
	Oral	Non-applicable	Sediment (Marine water)	0,00499 mg/L

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.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance:	Liquid
Color*:	Many
pH:	7-9
Boiling point:	approx.100 °C
Flash point:	Non-applicable **
Flammability (solid, gas):	Non-applicable **
Relative density:	approx. 1,16 g/cm3
Viscosity*:	between 10 - 70 t mPa.s
Solubility:	Miscible with water

*Depends on the final product
** 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.

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

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.

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
1,2-benzisothiazol-3(2H)-one	LD50 oral	500 mg/kg	Rat
CAS: 2634-33-5	LD50 dermal	Non-applicable	
EC: 220-120-9	LD50 inhalation	Non-applicable	
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	LD50 oral	100 mg/kg	Rat
CAS: 55965-84-9	LD50 dermal	300 mg/kg	Rat
EC: 911-418-6	LD50 inhalation	Non-applicable	

12 ECOLOGICAL INFORMATION

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

12.1 Toxicity:

Identification	Acute toxicity		Species	Genus
1,2-benzisothiazol-3(2H)-one	LC50	2.2 mg/mL (96h)	Oncorhynchus mykiss	Fish
CAS: 2634-33-5	EC50	3 mg/mL (48h)	Daphnia magna	Crustacean
EC: 220-120-9	EC50	0.067 mg/L (72 h)	Pseudokirchneriella subcapitata	Algae
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	LC50	0.1 - 1 mg/L (96 h)		Fish
CAS: 55965-84-9	EC50	0.1 - 1 mg/L		Crustacean
EC: 911-418-6	EC50	0.1 - 1 mg/L		Algae

12.2 Persistence and degradability:

Identification	Degradability		Biodegradability	
1,2-benzisothiazol-3(2H)-one	BOD5	Non-applicable	Concentration	100 mg/L
CAS: 2634-33-5	COD	Non-applicable	Period	28 days
EC: 220-120-9	BOD5/COD	Non-applicable	% Biodegradable	0 %

12.3 Bioaccumulative potential:

Identification	Bioaccumulation potential	
1,2-benzisothiazol-3(2H)-one	BCF	2
CAS: 2634-33-5	Pow Log	1.45
EC: 220-120-9	Potential	Low

12.4 Mobility in soil:
Not available

12.5 Results of PBT and vPvB assessment:
Product fails to meet PBT/vPvB criteria.

12.6 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, IMDG, IATA).

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 (Regulation (EC) No 2015/830).
Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.: COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 2, SECTION 3):
- Removed substances and followed statement: EUH211, TiO2

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.
Aquatic Acute 1: H400 - Very toxic to aquatic life.
Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Eye Dam. 1: H318 - Causes serious eye damage.
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.
Classification procedure:
Non-applicable
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
COD: Chemical Oxygen Demand
BOD5: 5-day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
LC50: Lethal Concentration 50
EC50: Effective concentration 50
Log-POW: Octanol-water partition coefficient

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 -