

# FIREPRO®

# SoftSeal Coating

Revision Date: 13/03/2023  
Revision No: Version 3.0 March 2023 (GB)  
Previous Version: Version 2.0 June 2017

## Section 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Product form	Mixture
Trade name	FIREPRO® SoftSeal Coating
Type of product	Surface coatings and colourants
Product group	Trade product

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

#### 1.2.1 Relevant identified uses

Main use category	Professional use
Industrial/Professional use spec	For professional use only
Use of the substance/mixture	Coatings and paints, thinners, paint removers

#### 1.2.2 Uses advised against

No additional information available

### 1.3 Details of supplier

ROCKWOOL® Ltd, Pencoed, Bridgend, CF35 6NY  
Tel: +44 (0) 1656 862621  
Email of person responsible: sds@rockwool.com

### 1.4 Emergency telephone numbers

ROCKWOOL® Ltd Customer Support 9:00am-5:00pm  
Tel: +44 (0) 1656 862621  
Email: sds@rockwool.com  
Call 999 for emergency  
Call 111 for non-emergency medical advice

## Section 2. Hazards identification

### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567

Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice

### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567

EUH-statements

EUH208 - Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (2634-33-5), reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction

EUH210 - Safety data sheet available on request

### 2.3 Other hazards

Other hazards which do not result in classification

Dust formation.

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with UK REACH Annex XIII

## Section 3. Composition/information on ingredients

3.1 Substances Not applicable

3.2 Mixtures

Name	Product Identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Calcium Carbonate	(CAS-No.) 471-34-1 (EC-No.) 207-439-9	10-30	Not Classified
Aluminium Hydroxide	(CAS-No.) 21645-51-2 (EC-No.) 244-492-7 (REACH-no) 01-2119529246-39	10-30	Not Classified
Titanium Dioxide	(CAS-No.) 13463-67-7 (EC-No.) 236-675-5 (EC Index-No.) 022-006-00-2 (REACH-no) 01-2119489379-17	< 1	Carc. 2, H351
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	(CAS-No.) 2634-33-5 (EC-No.) 220-120-9 (EC Index-No.) 613-088-00-6	< 1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=1)
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	(CAS-No.) 55965-84-9 (EC Index-No.) 613-167-00-5	< 1	Acute Tox. 2 (Inhalation), H330 Acute Tox. 2 (Dermal), H310 Acute Tox. 3 (Oral), H301 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)

### Specific concentration limits:

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	(CAS-No.) 2634-33-5 (EC-No.) 220-120-9 (EC Index-No.) 613-088-00-6	( 0.05 ≤ C ≤ 100) Skin Sens. 1, H317
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	(CAS-No.) 55965-84-9 (EC Index-No.) 613-167-00-5	( 0.0015 ≤ C ≤ 100) Skin Sens. 1A, H317 ( 0.06 ≤ C < 0.6) Skin Irrit. 2, H315 ( 0.06 ≤ C < 0.6) Eye Irrit. 2, H319 ( 0.6 ≤ C ≤ 100) Skin Corr. 1C, H314 ( 0.6 ≤ C ≤ 100) Eye Dam. 1, H318

Comments: Titanium dioxide

Note 10 : The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1% or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter ≤ 10 µm.  
Full text of H- and EUH-statements: see section 16

## Section 4. First-aid measures

### 4.1 Description of first aid measures

First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	Wash skin with plenty of water.
First-aid measures after eye contact	Rinse eyes with water as a precaution.
First-aid measures after ingestion	Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after inhalation	May cause minor irritation to the respiratory tract and to other mucous membranes.
Symptoms/effects after skin contact	May cause slight irritation to the skin.
Symptoms/effects after eye contact	May cause minor eye irritation.
Symptoms/effects after ingestion	May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract.

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

Treat symptomatically.

## Section 5. Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire

Thermal decomposition generates Carbon dioxide. Carbon monoxide. Toxic fumes may be released.

### 5.3 Advice for fire-fighters

Protection during firefighting Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## Section 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### 6.1.1 For non-emergency personnel

Emergency procedures      Ventilate spillage area.

#### 6.1.2 For emergency responders

Protective equipment      Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2 Environmental precautions      Avoid release to the environment.

### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up      Ventilate spillage area. Take up liquid spill into absorbent material. Take up liquid spill into absorbent material, e.g.: sand.

Other information      Dispose of materials or solid residues at an authorised site.

6.4 Reference to other sections      For further information refer to section 13. For further information refer to section 8: "Exposure controls/personal protection".

## Section 7. Handling and storage

7.1 Precautions for safe handling      Ensure good ventilation of the work station. Wear personal protective equipment. Avoid dust formation.

Hygiene measures:      Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2 Conditions for safe storage, including any incompatibilities

Storage conditions      Store in a well-ventilated place. Keep cool.

Incompatible products      Strong acids

7.3 Specific end use(s)      No additional information available.

## Section 8. Exposure controls / personal protection

### 8.1 Control parameters

#### Aluminium Hydroxide (21645-51-2)

WEL TWA (OEL TWA) [1]	10 mg/m <sup>3</sup> total dust 4 mg/m <sup>3</sup> respirable dust
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#### Calcium Carbonate (471-34-1)

Local name	Calcium carbonate (Limestone, Marble)
WEL TWA (OEL TWA) [1]	10 mg/m <sup>3</sup> total inhalable 4 mg/m <sup>3</sup> respirable
WEL STEL (OEL STEL)	4 mg/m <sup>3</sup>
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

#### Titanium Dioxide (13463-67-7)

Local name	Titanium dioxide
WEL TWA (OEL TWA) [1]	4 mg/m <sup>3</sup> respirable 10 mg/m <sup>3</sup> total inhalable
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

### 8.2 Exposure controls

Appropriate engineering controls

Ensure good ventilation of the work station.

Personal Protective Equipment

Gloves. Dust formation: dust mask.

Hand protection

Protective gloves. Type: Disposable gloves. Standard: EN ISO 374

Eye protection

Safety glasses. Type: Safety glasses. Standard: EN 166

Skin and body protection

Wear suitable protective clothing.

Respiratory protection

No respiratory protection needed under normal use conditions. During spraying wear suitable respiratory equipment  
 Device: Gas mask  
 Filter type: Type P2, Type P3

Personal protective equipment symbol(s)



Environmental exposure controls

Avoid release to the environment.

## Section 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state	Liquid
Colour	White
Odour	No data available
Odour threshold	No data available
pH	5 – 9
Relative evaporation rate (butylacetate=1)	No data available
Melting point	Not applicable
Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability	Not applicable
Vapour pressure	No data available
Relative vapour density at 20 °C	No data available
Relative density	No data available
Density	1.3 – 1.4
Solubility	No data available
Partition coefficient n-octanol/water (Log Pow)	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Explosive properties	No data available
Oxidising properties	No data available
Explosive limits	No data available
9.2 Other information	No additional information available

## Section 10. Stability and reactivity

10.1 Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	No dangerous reactions known under normal conditions of use.
10.4 Conditions to avoid	None under recommended storage and handling conditions (see section 7).
10.5 Incompatible materials	Oxidizing agent. Strong acids.
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 toxicological effects

Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified

#### Aluminium Hydroxide (21645-51-2)

LD50 oral rat	> 2000 mg/kg bodyweight
LC50 Inhalation - Rat	> 2.3 mg/l

#### Calcium Carbonate (471-34-1)

LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method), Guideline: EU Method B.1 bis (Acute Oral Toxicity - Fixed Dose Procedure)
LC50 Inhalation - Rat	> 3 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Guideline: EU Method B.2 (Acute Toxicity (Inhalation)), Guideline: EPA OPPTS 870.1300 (Acute inhalation toxicity)

#### Titanium Dioxide (13463-67-7)

LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure), Guideline: EPA OPPTS 870.1100 (Acute Oral Toxicity)
LC50 Inhalation - Rat	> 6.8 mg/l/4h
Skin corrosion/irritation:	Not classified - pH: 5 – 9
Serious eye damage/irritation:	Not classified - pH: 5 – 9
Respiratory or skin sensitisation:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified

#### Aluminium Hydroxide (21645-51-2)

NOAEL (animal/male, F0/P)	1000 mg/kg bodyweight
STOT-single exposure:	Not classified
STOT-repeated exposure:	Not classified

#### Calcium carbonate (471-34-1)

NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Aspiration hazard	Not classified



## Section 12. Ecological information

### 12.1 Toxicity

Ecology - general	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	Not classified.
Hazardous to the aquatic environment, long-term (chronic)	Not classified.
	Not rapidly degradable

#### Calcium Carbonate (471-34-1)

LC50 - Fish [1]	> 10000
EC50 - Crustacea [1]	> 1000
EC50 72h - Algae [1]	> 200 mg/l

#### Titanium Dioxide (13463-67-7)

LC50 - Fish [1]	> 1000 mg/l
EC50 - Crustacea [1]	> 1000 mg/l
EC50 - Other aquatic organisms [1]	> 100 mg/l Test organisms (species):
EC50 72h - Algae [1]	> 100 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
LOEC (chronic)	5 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	≥ 2.92 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

### 12.2 Persistence and degradability

No additional information available

### 12.3 Bio-accumulative potential

#### FIREPRO® SoftSeal Coating

Bioaccumulative potential Not potentially bioaccumulable

#### Calcium carbonate (471-34-1)

Partition coefficient n-octanol/water (Log Pow) < 1

### 12.4 Mobility in soil

#### FIREPRO® SoftSeal Coating

Ecology - soil Product adsorbs onto the soil. Liquid product: Readily absorbed into soil

### 12.5 Results of PBT and vPvB assessment

No additional information available

### 12.6 Other adverse effects

No additional information available

## Section 13. Disposal considerations

### 13.1 Waste treatment methods

Regional legislation (waste)	Disposal must be done according to official regulations.
Waste treatment methods	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Additional information	Dispose of waste according to applicable legislation. Handle contaminated packages in the same way as the substance itself. Non-contaminated packages may be recycled.

## 14. Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

No supplementary information available

### 14.6 Special precautions for user

Overland transport	Not applicable
Transport by sea	Not applicable
Air transport	Not applicable
Inland waterway transport	Not applicable
Rail transport	Not applicable

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code  
 Not applicable

## Section 15. Regulatory information

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	
15.1.1	Relevant EU provisions transposed through retained EU law	<p>Contains no UK REACH substances with Annex XVII restrictions</p> <p>Contains no substance on the UK REACH candidate list</p> <p>Contains no UK REACH Annex XIV substances that are subject to authorisation:</p> <p>Contains no substance subject to GB Export and import of hazardous chemicals - Prior Informed Consent (PIC) Regulation</p> <p>Contains no substance subject to Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain)</p>
15.1.2	National regulations	No additional information available
15.2	Chemical safety assessment	No chemical safety assessment has been carried out

### Important note:

- This GB SDS is one of three SDSs for the named product - separate SDSs are provided to meet the regulatory requirements specific to GB, NI and EU;
- The content of this SDS may differ from that of the other SDSs, due to the different regulatory frameworks applicable to GB, NI and EU; and
- The user should refer to the SDS appropriate to the territory they are operating in.

## Section 16. Other information

### Indication of changes

Section	Section Heading	Change	Comments
2	Hazards identification	2.1 - Modified	Changes to information relating to the classification of the substance/mixture
2	Hazards identification	2.2 - Added	Addition of EUH-statements:EUH208, EUH210
2	Hazards identification	2.3 - Added	Dust formation hazard
3	Composition/information on ingredients	3.2 - Modified	Inclusion of Isothiazolinones and Titanium Dioxide and further information relating to the composition
4	First aid measures	4.1 - Added	Inclusion of additional information on first aid measures
4	First aid measures	4.2 - Added	Inclusion of additional information on symptoms and effects
4	First aid measures	4.3 - Added	Inclusion of additional information on treatments
5	Firefighting measures	5.1 - Modified	Further information on extinguishing media
5	Firefighting measures	5.2 - Modified	Inclusion of information relating to thermal decomposition
6	Accidental release measures	6.2 - Modified	Updated information on environmental precautions
6	Accidental release measures	6.3 - Modified	Included further information on cleaning methods and disposal
6	Accidental release measures	6.4 - Modified	Additional references added
7	Handling and storage	7.1 - Added	Further information on safe handling and hygiene measures
7	Handling and storage	7.2 - Added	Information on incompatible products
8	Exposure controls/personal protection	8.1 - Added	Control parameters added for relevant components
8	Exposure controls/personal protection	8.2 - Modified	Amendments to requirements for personal protective equipment for dust formation. Inclusion of filter type for respiratory protection
9	Physical and chemical properties	9.1 - Modified	Updated information on physical and chemical properties
10	Stability and reactivity	10.3 - Modified	Modified information on hazardous reactions
10	Stability and reactivity	10.4 - Modified	Updated information and references
10	Stability and reactivity	10.6 - Modified	Updated information
11	Toxicological information	11.1 - Added	Additional toxicological information added

12	Ecological information	12.1 - Added	Additional ecological information added
12	Ecological information	12.3 - Added	Information on bioaccumulative potential
12	Ecological information	12.4 - Added	Information on mobility in soil
12	Ecological information	12.6 - Modified	Modified other adverse effects
13	Disposal considerations	13.1 - Modified	Additional information on waste treatment methods and packaging recycling
15	Regulatory information	15.1 - Added	Additional regulatory details applied
N/A	N/A	General	Update to REACH Amendment 2020/878

### Abbreviations and acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BLV	Biological limit value
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
EC-No.	European Community number
EN	European Standard
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative
WGK	Water Hazard Class

## Full text of H- and EUH-statements

Acute Tox. 2 (Dermal)	Acute toxicity (dermal), Category 2
Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
EUH208	Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.
EUH210	Safety data sheet available on request.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H301	Toxic if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H351	Suspected of causing cancer.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, category 1
Skin Sens. 1A	Skin sensitisation, category 1A

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The information is current as of October 2020

\* indicates text in the SDS which has changed since the last revision.