FIREPRO®
High Strength Compound

Revision Date: 13/03/2023
Revision No: Version 2.0 March 2023 (GB)
Previous Version: Version 1.0 May 2018

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

1.1	Product identifier	
	Product form	Mixture
	Trade Name	FIREPRO® High Strength Compound
	Type of product	Adhesives, sealants
	Product group	Trade product
1.2.1	Relevant identified uses	
	Main use category	Professional use
	Industrial/Professional use spec	For professional use only
	Use of the substance/mixture	Adhesives, sealants
1.2.2	Uses advised against	No additional information available
1.3	Details of the supplier of the safety data sheet	ROCKWOOL® Ltd, Pencoed, Bridgend, CF35 6NY Tel: +44 (0) 1656 862621
1.4	Emergency telephone numbers	ROCKWOOL® Ltd Customer Support 9:00am-5:00pm Tel: +44 (0) 1656 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

Precautionary statements (CLP)	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P264 - Wash hands, forearms and face thoroughly after handling. P280 - Wear eye protection, protective clothing.

2.3 Other hazards

Other hazards which do not result in classification	Dust formation. Contains no PBT/vPvB substances ≥ 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 Sulfate	(CAS-No.) 7778-18-9 (EC-No.) 231-900-3	> 80	Not classified
Limestone	(CAS-No.) 471-34-1 (EC-No.) 207-439-9	< 30	Not classified

Comments: Contains <1% Organic Substances

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. If experiencing respiratory symptoms: Get medical advice/attention.
	First-aid measures after skin contact	Gently wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
	First-aid measures after eye contact	Rinse immediately with plenty of water. If eye irritation persists: Get medical advice/attention.
	First-aid measures after ingestion	Rinse mouth out with water. Do not induce vomiting.
4.2	Most important symptoms and effects, both acute and delayed	
	Symptoms/effects	Not expected to present a significant hazard under anticipated conditions of normal use.
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.
5.2	Special hazards arising from the substance or mixture	
	Hazardous decomposition products in case of fire	The product is non-combustible.
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	
	General measures	Use personal protective equipment (PPE).
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	Mechanically recover the product. Avoid dust formation.
	Other information	Dispose of in accordance with relevant local regulations.
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	
	Additional hazards when processed	Dust formation.
	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. Protect from moisture. Keep container closed when not in use.
7.3	Specific end use(s)	No additional information available.

Section 8. Exposure controls / personal protection

8.1 Control parameters

Calcium Sulfate (7778-18-9)	
WEL TWA (OEL TWA) [1]	10 mg/m³ 8 hr
WEL STEL (OEL STEL)	30 mg/m³

Limestone (471-34-1)	
Local name	Calcium carbonate (Limestone, Marble)
WEL TWA (OEL TWA) [1]	10 mg/m³ total inhalable 4 mg/m³ respirable
WEL STEL (OEL STEL)	4 mg/m³
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	Dust production: dust mask with filter type P2. Gloves.
Hand protection	Protective gloves
Eye protection	Safety glasses
Skin and body protection	Wear suitable protective clothing
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment **Device:** Dust mask **Filter type:** Type P2
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	Solid
Appearance	Powder
Colour	White to cream
Odour	Odourless
Odour threshold	No data available
pH	No data available
Relative evaporation rate (butylacetate=1)	No data available
Melting point	> 1000 °C
Freezing point	Not applicable
Boiling point	No data available
Flash point	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	No data available
Flammability	Non flammable.
Vapour pressure	No data available
Relative vapour density at 20 °C	No data available
Relative density	No data available
Solubility	No data available
Partition coefficient n-octanol/water (Log Pow)	No data available
Viscosity, kinematic	Not applicable
Viscosity, dynamic	No data available
Explosive properties	No data available
Oxidising properties	No data available
Explosive limits	Not applicable

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	No additional information available
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

Limestone (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)

Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitisation	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified

Limestone (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

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Viscosity, Kinematic:	Not applicable

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

Limestone (471-34-1)	
LC50 - Fish [1]	> 10000
EC50 - Crustacea [1]	> 1000
EC50 72h - Algae [1]	> 200 mg/l

12.2 Persistence and degradability

FIREPRO® High Strength Compound	
Persistence and degradability	Not established

12.3 Bioaccumulative potential

FIREPRO® High Strength Compound	
Bioaccumulative potential	Not established

Limestone (471-34-1)	
Partition coefficient n-octanol/water (Log Pow)	< 1

12.4 Mobility in soil	No additional information available
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

Waste treatment methods	Dispose of contents/container in accordance with licensed collector's sorting instructions
Product/Packaging disposal recommendations	Contaminated packages should be as empty as possible. Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Recycle following cleaning or dispose of at an authorised site

Section 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	Contains no UK REACH substances with Annex XVII restrictions Contains no substance on the UK REACH candidate list Contains no UK REACH Annex XIV substances that are subject to authorisation Contains no substance subject to GB Export and import of hazardous chemicals - Prior Informed Consent (PIC) Regulation Contains no substance subject to Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain)
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
1	Identification of the substance /mixture and of the company/undertaking	1.1 - Modified	Change to trade name
2	Hazards identification	2.1 - Added	Added information on hazard effects
2	Hazards identification	2.2 - Added	Added information on precautionary statements
2	Hazards identification	2.3 - Added	Dust formation hazard
3	Composition/information on ingredients	3.2 - Modified	Updated information on ingredients
4	First aid measures	4.1 - Added	Inclusion of additional information on first aid measures
4	First aid measures	4.2 - Modified	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	5.3 - Modified	Modified information on personal protection
6	Accidental release measures	6.1 - Modified	Updated information on environmental precautions
6	Accidental release measures	6.2 - Modified	Updated information on environmental precautions
6	Accidental release measures	6.3 - Modified	Included information on cleaning methods and disposal
6	Accidental release measures	6.4 - Modified	Additional references added
7	Handling and storage	7.1 - Modified	Updated information on safe handling and hygiene measures
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
9	Physical and chemical properties	9.1 - Modified	Updated information on physical and chemical properties
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

13	Disposal considerations	13.1 - Modified	Addititonal information provided for waste dispoal and recycling
15	Regulatory information	15.1 - Added	Additional regulatory details applied
N/A	N/A	General	SDS Updated to new design
N/A	N/A	General	Format changes throughout the SDS

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

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The information is current as of October 2020

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