FIREPRO®
High Strength Compound

Revision Date: 13/03/2023
Revision No: Version 2.0 March 2023 (EU)
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

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]	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 [CLP]

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 REACH Annex XIII The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1%

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

8.1.1 National occupational exposure and biological limit values

Calcium sulfate (7778-18-9)	
Belgium - Occupational Exposure Limits	
Local name	Calcium (sulfate de) (anhydrate) # Calciumsulfaat (anhydraat)
OEL TWA	10 mg/m³
Regulatory reference	Koninklijk besluit/Arrêté royal 11/05/2021
Czech Republic - Occupational Exposure Limits	
Local name	Sádra
IPRV (OEL TWA)	10 mg/m³
Remark	Prachy s převážně nespecifickým účinkem
Regulatory reference	Nařízení vlády č. 361/2007 Sb. (Předpis 195/2021 Sb.)
Czech Republic - Occupational Exposure Limits	
Local name	Sádra
IPRV (OEL TWA)	10 mg/m³
Remark	Prachy s převážně nespecifickým účinkem
Regulatory reference	Nařízení vlády č. 361/2007 Sb. (Předpis 195/2021 Sb.)
Germany - Occupational Exposure Limits (TRGS 900)	
AGW (OEL TWA) [1]	6 mg/m³ (A)
Remark	DFG - Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission)
Regulatory reference	TRGS900
Greece - Occupational Exposure Limits	
Local name	Ασβέστιο θειικό
OEL TWA	10 mg/m³
Regulatory reference	Π.Δ. 90/1999 - Προστασία της υγείας των εργαζομένων που εκτίθενται σε ορισμένους χημικούς παράγοντες κατά τη διάρκεια της εργασίας τους
Hungary - Occupational Exposure Limits	
Local name	KALCIUM-SZULFÁT
IPRV (OEL TWA)	4 mg/m³ 1.5 mg/m³ respirábilis frakció
Remark	N (Irritáló anyagok, egyszerű fojtógázok, csekély egészségkárosító hatással bíró anyagok)
Regulatory reference	5/2020. (II. 6.) ITM rendelet - A kémiai kóroki tényezők hatásának kitett munkavállalók egészségének és biztonságának védelméről

Calcium sulfate (7778-18-9)	
Ireland - Occupational Exposure Limits	
Local name	Calcium sulphate
OEL TWA [1]	10 mg/m³
Regulatory reference	Chemical Agents Code of Practice 2021
Latvia - Occupational Exposure Limits	
Local name	Kalcija sulfāts (hidrogenēts; ģipša putekļi)
OEL TWA	4 mg/m³
Regulatory reference	Ministru kabineta 2007. gada 15. maija noteikumiem Nr. 325 (Grozījumi Ministru kabineta 2011. gada 1. februārī noteikumiem Nr. 92)
Poland - Occupational Exposure Limits	
Local name	Siarczan (VI) wapnia (gips)
NDS (OEL TWA)	10 mg/m³ frakcja wdychalna
Remark	Frakcja wdychalna – frakcja aerozolu wnikająca przez nos i usta, która po zdeponowaniu w drogach oddechowych stwarza zagrożenie dla zdrowia. Obowiązuje jednoczesne oznaczanie stężeń frakcji respirabilnej krzemionki krystalicznej
Regulatory reference	Dz. U. 2018 poz. 1286
Portugal - Occupational Exposure Limits	
Local name	Sulfato de cálcio
OEL TWA	10 mg/m³ I (Fraçao inalável)
Regulatory reference	Norma Portuguesa NP 1796:2014
Slovakia - Occupational Exposure Limits	
Local name	Síran vápenatý (anhydrid)
NPHV (OEL TWA) [1]	4 mg/m³ inhalovateľná frakcia 1.5 mg/m³ respirabilná frakcia
Regulatory reference	Nariadenie vlády č. 355/2006 Z. z. (236/2020 Z. z.)
Slovenia - Occupational Exposure Limits	
Local name	kalcijev sulfat
OEL TWA	6 mg/m³
Regulatory reference	Uradni list RS, št. 72/2021 z dne 11.5.2021
Spain - Occupational Exposure Limits	
Local name	Sulfato de calcio anhidro
VLA-ED (OEL TWA) [1]	10 mg/m³
Remark	e (Este valor es para la materia particulada que no contenga amianto y menos de un 1% de sílice cristalina)
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2022. INSHT

Calcium sulfate (7778-18-9)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	10 mg/m³ 8 hr
WEL STEL (OEL STEL)	30 mg/m³
Switzerland - Occupational Exposure Limits	
Local name	Sulfate de calcium / Calciumsulfat [Gips]
MAK (OEL TWA) [1]	3 mg/m³ (a) / (a)
Critical toxicity	Formel / Formal
Notation	SS_C / SS_C
Regulatory reference	www.suva.ch, 28.03.2022
Limestone (471-34-1)	
Croatia - Occupational Exposure Limits	
Local name	Kalcijev karbonat
GVI (OEL TWA) [1]	4 mg/m³ R (respirabilna prašina) 10 mg/m³ U (ukupna prašina)
Regulatory reference	Pravilnik o zaštiti radnika od izloženosti opasnim kemikalijama na radu, graničnim vrijednostima izloženosti i biološkim graničnim vrijednostima (NN 1/2021)
France - Occupational Exposure Limits	
Local name	Calcium (carbonate de) (Calcite) (Marbre)
VME (OEL TWA)	10 mg/m³
Remark	Valeurs recommandées/admises
Regulatory reference	Circulaire du Ministère du travail (réf.: INRS ED 984, 2016)
Germany - Occupational Exposure Limits (TRGS 552)	
Concentration limits	6 mg/m³
Ireland - Occupational Exposure Limits	
Local name	Calcium carbonate (Limestone, Marble)
OEL TWA [1]	10 mg/m³ total inhalable dust 4 mg/m³ respirable dust
Regulatory reference	Chemical Agents Code of Practice 2021
Latvia - Occupational Exposure Limits	
Local name	Kalcija karbonāts
OEL TWA	6 mg/m³
Regulatory reference	Ministru kabineta 2007. gada 15. maija noteikumiem Nr. 325 (Grozījumi Ministru kabineta 2011. gada 1. februārī noteikumiem Nr. 92)

Limestone (471-34-1)	
Poland - Occupational Exposure Limits	
Local name	Węglan wapnia
NDS (OEL TWA)	10 mg/m³ frakcja wdychalna
Remark	Frakcja wdychalna – frakcja aerozolu wnikająca przez nos i usta, która po zdeponowaniu w drogach oddechowych stwarza zagrożenie dla zdrowia
Regulatory reference	Dz. U. 2018 poz. 1286
United Kingdom - Occupational Exposure Limits	
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
Switzerland - Occupational Exposure Limits	
Local name	Carbonate de calcium / Calciumcarbonat
MAK (OEL TWA) [1]	3 mg/m³ (a) / (a)
Remark	NIOSH
Regulatory reference	www.suva.ch, 28.03.2022
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	10 mg/m³

8.1.2	Recommended monitoring procedures	No additional information available
8.1.3	Air contaminants formed	No additional information available
8.1.4	DNEL and PNEC	No additional information available
8.1.5	Control banding	No additional information available

8.2	Exposure controls	
8.2.1	Appropriate engineering controls	Ensure good ventilation of the work station
8.2.2	Personal Protective Equipment	Dust production: dust mask with filter type P2. Gloves.
	Personal protective equipment symbol(s)	
8.2.2.1	Eye and face protection	
	Eye protection	Safety glasses
8.2.2.2	Skin protection	
	Skin and body protection	Wear suitable protective clothing
	Hand protection	Protective gloves
8.2.2.3	Respiratory protection	
	Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment

Respiratory protection			
Device	Filter type	Condition	Standard
Dust mask	Type P2		

8.2.2.4	Thermal hazards	No additional information available
8.2.3	Environmental exposure controls	
	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
	Colour	White to cream
	Appearance	Powder
	Odour	Odourless
	Odour threshold	Not available
	Melting point	> 1000°C
	Freezing point	Not applicable
	Boiling point	Not available
	Flammability	Non flammable
	Explosive limits	Not applicable
	Lower explosive limit	Not applicable
	Upper explosive limit	Not applicable
	Flash point	Not applicable
	Auto-ignition temperature	Not applicable
	Decomposition temperature	Not available
	pH	Not available
	pH solution	Not available
	Viscosity, kinematic	Not applicable
	Solubility	Not available
	Partition coefficient n-octanol/water (Log Pow)	Not available
	Vapour pressure	Not available
	Vapour pressure at 50 °C	Not available
	Density	Not available
	Relative density	Not available
	Relative vapour density at 20 °C	Not applicable
	Particle size	Not available
	Particle size distribution	Not available
	Particle shape	Not available
	Particle aspect ratio	Not available
	Particle aggregation state	Not available
	Particle agglomeration state	Not available
	Particle specific surface area	Not available
	Particle dustiness	Not available
9.2	Other information	
9.2.1	Information with regard to physical hazard classes	No additional information available
9.2.2	Other safety characteristics	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 hazard classes as defined in Regulation (EC) No 1272/2008

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

Limestone (471-34-1)	
pH	8.5 - 9.5

Serious eye damage/irritation	Not classified

Limestone (471-34-1)	
pH	8.5 - 9.5

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

FIREPRO® High Strength Compound	
Viscosity, kinematic	Not applicable

Limestone (471-34-1)	
Viscosity, kinematic	Not applicable

11.2	Information on other hazards	
11.2.1	Endocrine disrupting properties	
	Adverse health effects caused by endocrine disrupting properties	Based on available data, the classification criteria are not met
11.2.2	Other information	No additional information available

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	Endocrine disrupting properties	No additional information available
12.7	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
14.1 UN number or ID number	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2 UN proper shipping name	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3 Transport hazard class(es)	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4 Packing group	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5 Environmental hazards	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 Maritime transport in bulk according to IMO instruments	Not applicable

Section 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1 EU-Regulations

REACH Annex XVII (Restriction List)	Contains no REACH substances with Annex XVII restrictions
REACH Annex XIV (Authorisation List)	Contains no REACH Annex XIV substances
REACH Candidate List (SVHC)	Contains no substance on the REACH candidate list
PIC Regulation (Prior Informed Consent)	Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals
POP Regulation (Persistent Organic Pollutants)	Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants
Ozone Regulation (1005/2009)	Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer
Explosives Precursors Regulation (2019/1148)	Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors
Drug Precursors Regulation (273/2004)	Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors)

15.1.2 National regulations

Germany	
Employment restrictions	Observe restrictions according Act on the Protection of Working Mothers (MuSchG) Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)
Water hazard class (WGK)	WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1)
Hazardous Incident Ordinance (12. BImSchV)	Is not subject of the Hazardous Incident Ordinance (12. BImSchV)
Netherlands	
ABM category	A(4) - low hazard for aquatic organisms, may have longterm hazardous effects in aquatic environment
SZW-lijst van kankerverwekkende stoffen	None of the components are listed
SZW-lijst van mutagene stoffen	None of the components are listed
SZW-lijst van reprotoxische stoffen – Borstvoeding	None of the components are listed
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid	None of the components are listed
SZW-lijst van reprotoxische stoffen – Ontwikkeling	None of the components are listed
Switzerland	
Storage class (LK)	NG - Non-hazardous

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out

Important note:

- This EU 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

Legal disclaimer

ALL PRODUCT, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION OR DESIGN OR OTHERWISE. USERS SHOULD CHECK FOR AND OBTAIN THE LATEST RELEVANT INFORMATION AND VERIFY SUCH INFORMATION IS CURRENT AND COMPLETE BEFORE PLACING ORDERS FOR ROCKWOOL LIMITED'S PRODUCTS.

This legal disclaimer applies to purchasers and users of ROCKWOOL Limited's products manufactured by or on behalf of ROCKWOOL Limited and its affiliates.

ROCKWOOL Limited, its affiliates, its agents and employees and all persons acting on its or their behalf (collectively "ROCKWOOL"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained in any datasheet or in any other disclosure relating to any product.

Usage of the information remains under the sole responsibility of the purchaser and/or user.

ROCKWOOL makes no warranty, representation or guarantee regarding the information contained in the data sheet, the suitability of the products for any particular purposes or the continuing production of any product. To the maximum extent permitted by applicable law, ROCKWOOL disclaims (i) any and all liability arising out of the application, use of any product, misuse or inability to use the product (ii) any and all liability, including without limitation special, consequential or incidental damages, and (iii) any and all implied warranties, including warranties of fitness for particular purpose, non-infringement and merchantability.

Information contained in this data sheet is up-to-date as at the date of issue. As ROCKWOOL Limited cannot control or anticipate the conditions under which this product may be used, each user should review the information in specific context of the planned use. To the maximum extent permitted by law, ROCKWOOL Limited will not be responsible for damages of any nature resulting from the use or reliance upon the information contained in this data sheet. To the maximum extent permitted by law, ROCKWOOL shall not be liable for any damage resulting from handling the products or from contact with the products.

No express or implied warranties are given other than those implied by law.

No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document or by any conduct of ROCKWOOL. Product names and markings noted herein may be trademarks of their respective owners.

The information is current as of October 2020

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