

EQUITONE [lunara] is an article within the meaning of REACH (REGULATION (EC) No 1907/2006) and as retained in UK law according to Statutory Instrument 2019 No 758 The REACH etc (Amendment etc) (EU Exit) Regulations 2019 ("UK REACH Regulation"). Safety data sheets do not have to be provided for articles.

Moreover this article, for which safety information is given, does not contain substances of very high concern, substances of which the use is restricted by the Commission or UK Regulator or substances on the Candidate List of Substances of Very High Concern for Authorisation. Even if this article is not subjected to any obligation to classify or label (Art 4 of Regulation (EC) No 1272/2008 and its equivalent retained in UK law), Etex Group has decided to provide information about identification, first aid and release measures, exposure control, disposal and transport.

This safety information sheet gives details to industrial and professional users on the safe use of this article. Throughout this document, references to EU Regulation include the equivalent regulations retained in UK law after 31 December 2020.

SECTION 1: Identification of the article and of the company/undertaking

1.1. Product identifier

Product form	: Article
Trade name	: EQUITONE [lunara]
Type of product	: fibre-cement flat sheet
Product group	: Trade product

1.2. Relevant identified uses of the Article and uses advised against

1.2.1. Use of the Article

Main use category	: Professional use
Use of the substance/mixture	: Coloured through-coloured façade panel made of vapour pressure hardened fibre cement for ventilated facades and soffits

1.2.2. Uses advised against

Not applicable.

1.3. Details of the supplier of the safety data sheet

Manufacturer

ETERNIT N.V.
Kuiermansstraat 1
1880 Kapelle-op-den-Bos - BELGIUM
T +32 15 71 71 71
info.belux@equitone.com

Sales organisation

Etex (Exteriors) UK Ltd
Wellington Road, Burton Upon Trent
DE14 2AP - GREAT BRITAIN
T +44 1283 5015 05
infouk@etexgroup.com

Sales organisation

Etex Ireland Ltd
Kilkenny Road, Athy R14VN84
Kildare - IRELAND
T +353 598631316
info.ireland@etexgroup.com

1.4. Emergency telephone number

Emergency number	: Please contact a regional poison center or emergency telephone number.
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SECTION 2: Hazards identification

2.1. Classification of the article

Not applicable : articles are not subjected to any obligation to classify (Art 4 of Regulation (EC) No 1272/2008)

2.2. Label elements

Not Applicable according to the CLP Regulation No (EC) 1272/2008.

2.3. Other hazards

Other hazards which do not result in classification : The installed product in its final application:
No dangers known.
Hazards due to mechanical processing (drilling, sawing, grinding, etc.) of the product:
Temporary irritation of exposed mucous membranes (eyes, throat, bronchial tubes).
Prolonged skin contact may cause mild skin irritation in sensitive individuals.
As with most organic and non-organic dust, inhalation of excessive dust concentrations over long periods of time can cause chronic inflammation of the bronchial tubes (occupational bronchitis).
Heavy and prolonged exposure to respirable (fine dust) quartz (crystalline silica) can cause lung cancer and other serious respiratory diseases. This risk can be minimised by following safe work habits (see section 7 and 8).

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Not applicable

3.3. Article

Components : This product is not a substance or preparation, but a finished article. The panels consist of cement, quartz sand, cellulose, natural calcium silicate, inorganic colour pigments, water and additives.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : (only for machining). Remove person to fresh air and keep comfortable for breathing. If symptoms persist, call a physician.
First-aid measures after skin contact : (only for machining). Wash skin with plenty of water. If skin irritation continues, consult a doctor.
First-aid measures after eye contact : (only for machining). Do not rub the eye. Rinse immediately with plenty of water.

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

Symptoms/effects after inhalation : As with most types of nuisance dust, excessive inhalation of dust may cause irritation of the throat and bronchial tubes and lead to coughing.
Symptoms/effects after skin contact : May cause temporary irritation/skin rash. Repeated exposure may cause skin dryness or cracking. When moistened by water or sweat, the Portland cement component may lead to skin inflammation, contact dermatitis or even delayed onset burns due to high alkalinity.
Symptoms/effects after eye contact : Eye contact with dust may lead to transient eye irritation or inflammation.
Symptoms/effects after ingestion : Not expected to present a significant ingestion 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 : All extinguishing media allowed. Use extinguishing media appropriate for surrounding fire.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Packaging may burn. The product is classified as non- or limited combustible depending on the country. See fire classification (EN13501-1) in the Material Information Sheet.

Explosion hazard : Product is not explosive.

5.3. Advice for firefighters

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Minimise generation of dust. See Section 8 for information on personal protection equipment.

6.1.1. For non-emergency personnel

Not applicable.

6.1.2. For emergency responders

Not applicable.

6.2. Environmental precautions

Not applicable.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Shovel up small pieces. Dampen down any dust before putting into appropriate skips.

6.4. Reference to other sections

Not applicable.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Dust, generated during machining and processing must be exhausted and the regulatory occupational exposure limits (workplace exposure limits in UK) for total and respirable dust and respirable quartz dust must be respected.

Precautions for safe handling : The aim is to avoid dust during mechanical processing through technical and organisational measures such as:
ensuring suitable filters with dust extraction when using power-driven machining tools;
prohibiting dry sweeping; ensuring adequate ventilation at the workplace; regular cleaning of operating equipment; hosing down or damp wiping of working areas; Avoidance of skin and eye contact.

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 protected storage area. The products must be covered and protected from sunlight and rain, including during transport.

7.3. Specific end use(s)

For more information regarding the use of this product, please refer to our technical information or contact the sales department in your region.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****8.1.1 National occupational exposure and biological limit values****EQUITONE [Iunara]****Ireland - Occupational Exposure Limits**

Assessed dust without specific effect (other particles, not classified anywhere else) (inhalable dust)	10 mg/m ³
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Assessed dust without specific effect (other particles, not classified anywhere else) (respirable dust)	4 mg/m ³
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United Kingdom - Occupational Exposure Limits

Assessed dust without specific effect (other particles, not classified anywhere else) (inhalable dust)	10 mg/m ³
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Assessed dust without specific effect (other particles, not classified anywhere else) (respirable dust)	4 mg/m ³
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Crystalline silica (quartz) (14808-60-7)**EU - Indicative Occupational Exposure Limit (IOEL)**

Local name	Silica crystalline (Quartz)
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IOEL TWA	0.1 mg/m ³ respirable
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Remark	(Year of adoption 2003) (Year of adoption 2003)
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Regulatory reference	Directive EU 2017/2398
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Ireland - Occupational Exposure Limits

Local name	Quartz, respirable dust, (see Silica, crystalline)
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OEL TWA [1]	0.1 mg/m ³
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Remark	BOELV (Binding Occupational Exposure Limit Values)
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Regulatory reference	Code of Practice for the Chemical Agents Regulations 2018
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United Kingdom - Occupational Exposure Limits

Local name	Silica, respirable crystalline
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WEL TWA (OEL TWA) [1]	0.1 mg/m ³
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Regulatory reference	EH40/2005 (Third edition, 2018). HSE
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8.1.2. Recommended monitoring procedures

Not applicable.

8.1.3. Air contaminants formed

Not applicable.

8.1.4. DNEL and PNEC

Not applicable.

8.1.5. Control banding

Not applicable.

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure vacuum dust exhaust with correct filter when using motorised machining tools. When machining boards (drilling, cutting, sanding, etc.), respect Occupational Exposure Limits (OEL) or Workplace Exposure Limits (WEL in the UK) for inhalable and respirable dust and for respirable quartz dust. Check the latest Occupational Exposure Limits (OEL) or Workplace Exposure Limits (WEL in the UK) for airborne contaminants that are applicable in your country.

8.2.2. Personal protection equipment

Personal protective equipment:

Wear personal recommended protective equipment during mechanical processing.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Avoid contact with eyes. Use safety glasses whenever tools are used and dusts are produced.

8.2.2.2. Skin protection

Skin and body protection:

Avoid contact with skin. Use working clothes and gloves to protect against mechanical injury and direct skin contact.

Hand protection:

protective gloves

8.2.2.3. Respiratory protection

Respiratory protection:

Avoid breathing dust. Use appropriate respiratory equipment when exposures are likely or can be foreseen to exceed the Occupational Exposure Limits or Workplace Exposure Limits for the UK (e.g. for exposures up to 10 times the OEL (WEL) use at least a P2 type dust mask. For higher exposure, use a P3 type mask).

8.2.2.4. Thermal hazards

Not applicable.

8.2.3. Environmental exposure controls

Not applicable.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: According to product specification.
Appearance	: Board.
Odour	: odourless.
pH	: 10 – 12
Density	: ≈ 1630 kg/m ³

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Not applicable.

9.2.2. Other safety characteristics

Not applicable.

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 in use and storage conditions as recommended in item 7.

10.3. Possibility of hazardous reactions

Not applicable.

10.4. Conditions to avoid

Not applicable.

10.5. Incompatible materials

Strong acids.

10.6. Hazardous decomposition products

Not applicable.

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
Additional information	: No acute toxicity with the exception of temporary irritation of exposed mucous membranes (eyes, throat, bronchial tubes) and skin irritation during processing.
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
Aspiration hazard	: Not classified

11.2. Information on other hazards

Not applicable.

SECTION 12: Ecological information**12.1. Toxicity**

Hazardous to the aquatic environment, short-term (acute) : Not classified

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Hazardous to the aquatic environment, long-term (chronic) : Not classified
Not rapidly degradable

12.2. Persistence and degradability

Not applicable.

12.3. Bioaccumulative potential

Not applicable.

12.4. Mobility in soil

Not applicable.

12.5. Results of PBT and vPvB assessment

Not applicable.

12.6. Endocrine disrupting properties

Not applicable.

12.7. Other adverse effects

Not applicable.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Dispose of in accordance with relevant local regulations
Waste treatment methods	: Handle as construction industry waste.
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
European List of Waste (LoW) code	: Please refer to the European list (Decision N° 2000/532/CE) to identify the wastes appropriate waste number. 10 13 11 - wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10 17 01 01 - concrete 17 09 04 - mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

SECTION 14: Transport information

Not classified as dangerous in the meaning of transport regulations
In accordance with ADR / IMDG / IATA / ADN / RID

14.1. UN number or ID number

UN-No. (ADR)	: Not regulated.
UN-No. (IMDG)	: Not regulated.
UN-No. (IATA)	: Not regulated.
UN-No. (ADN)	: Not regulated.
UN-No. (RID)	: Not regulated.

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not regulated.
Proper Shipping Name (IMDG)	: Not regulated.
Proper Shipping Name (IATA)	: Not regulated.
Proper Shipping Name (ADN)	: Not regulated.
Proper Shipping Name (RID)	: Not regulated.

14.3. Transport hazard class(es)

ADR	
Transport hazard class(es) (ADR)	: Not regulated.
IMDG	
Transport hazard class(es) (IMDG)	: Not regulated.
IATA	
Transport hazard class(es) (IATA)	: Not regulated.
ADN	
Transport hazard class(es) (ADN)	: Not regulated.
RID	
Transport hazard class(es) (RID)	: Not regulated.

14.4. Packing group

Packing group (ADR)	: Not regulated.
Packing group (IMDG)	: Not regulated.
Packing group (IATA)	: Not regulated.
Packing group (ADN)	: Not regulated.
Packing group (RID)	: Not regulated.

14.5. Environmental hazards

Dangerous for the environment	: No
Marine pollutant	: No

14.6. Special precautions for user

Overland transport	
Not regulated.	
Transport by sea	
Not regulated.	
Air transport	
Not regulated.	
Inland waterway transport	
Not regulated.	
Rail transport	
Not regulated.	

14.7. Maritime transport in bulk according to IMO instruments

IBC code	: Not applicable.
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SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no substance on the REACH candidate list.
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.
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.

15.1.2. National regulations

Not applicable.

15.2. Chemical safety assessment

Not applicable.

SECTION 16: Other information

Other information : The recommendations for mechanical processing and installation of the above-mentioned product must be followed in accordance with the manufacturer's instructions.
For more information, see EQUITONE Planning and Application.

Visit www.equitone.com

Safety information applicable for regions : IE;MT;GB

DISCLAIMER OF LIABILITY

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It does not therefore constitute guaranteeing any specific property of the product. Due to our committed program of continuous material and system development we reserve the right to amend or alter the information contained therein without prior notice. Please visit www.equitone.com to ensure you have the most current version.

Use or disposal of the product is beyond our control, therefor no liability is accepted for damage or injury resulting from the use of this safety information sheet. The safety information sheet serves as a guide for the safe handling, storage and use of the product under normal conditions. For customer-specific requirements, it may be necessary to obtain further information or advice.

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