

Supersedes date 26-Jul-2023

Revision date 09-Oct-2025

Revision Number 4

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name Gyproc WallBoard

Synonyms None

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use Internal linings in buildings

Uses advised against No specific uses advised against are identified

1.3. Details of the supplier of the safety data sheet

Supplier

Saint-Gobain Construction Products (Ireland) Limited
Unit 4 Kilcarbery Business Park
Nangor Road
Dublin 22
D22 R2Y7
Ireland
Tel: +353 (0)1 629 8444

For further information, please contact

E-mail address enquiries@gyproc.ie

1.4. Emergency telephone number

Emergency telephone ROI: 1800 744480
NI: 0845 3990159
(Monday - Friday, 9am - 5pm)

| Emergency telephone - Contact number | |
|--------------------------------------|-----|
| Europe | 112 |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

This product is an article. Classification according to CLP is not applicable to articles.

2.2. Label elements

Additional information

As supplied, this product does not meet the requirements for labelling.

2.3. Other hazards

| | |
|--|--|
| Other hazards | Cutting and handling may create dust. Product dust may be irritating to eyes, skin and respiratory system. Sharp edges and corners may cause cuts and abrasions. |
| PBT or vPvB properties | None known. |
| Endocrine Disruptor Information | This product does not contain any known or suspected endocrine disruptors. |

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable

3.2 Mixtures

Calcium sulfate dihydrate encased in paper liners. Natural board constituents may include minor amounts of quartz. Small quantities of chopped glass fibre, microsilica and vermiculite may be added, with starch, foam and dispersants.

Ingredients

The components shown below may be present in the final article and have occupational exposure limits and/or biological occupational exposure limits requiring monitoring (see Section 8)

| Chemical name | Weight-% | REACH registration number | EC No. (Index No.) | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Specific concentration limit (SCL) | M-Factor | M-Factor (long-term) | Notes |
|--|----------|---------------------------|--------------------|---|------------------------------------|----------|----------------------|-------|
| Calcium sulfate dihydrate 10101-41-4 | 50 - 100 | - | - | [C] | - | - | - | - |
| Quartz (SiO ₂) 14808-60-7 | <1 | - | 238-878-4 | [C] | - | - | - | - |
| Glass fibre - | <1 | - | - | [C] | - | - | - | - |

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

[C] - Components with occupational exposure limits and/or biological occupational exposure limits requiring monitoring

Full text of H- and EUH-phrases: see section 16

Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

| Chemical name | Oral LD50 mg/kg | Dermal LD50 mg/kg | Inhalation LC50 - 4 hour - dust/mist - mg/L | Inhalation LC50 - 4 hour - vapour - mg/L | Inhalation LC50 - 4 hour - gas - ppm |
|---|-----------------|-------------------|---|--|--------------------------------------|
| Calcium sulfate dihydrate 10101-41-4 | > 2000 | - | > 3.26 | - | - |

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59).

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|-----------------------|--|
| General advice | Get medical attention if irritation or other symptoms occur. Take a copy of the Safety Data Sheet when going for medical treatment. |
| Inhalation | Not an expected route of exposure. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF exposed or concerned: Get medical advice/attention. |
| Eye contact | Not an expected route of exposure. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Do not rub affected area. Get medical attention if irritation develops and persists. |
| Skin contact | Wash skin with soap and water. Get medical attention if irritation develops and persists. |
| Ingestion | IF SWALLOWED: Drink 1 or 2 glasses of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical attention immediately if symptoms occur. |

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

| | |
|----------------------------|--|
| Symptoms | Harmful dust may be released during cutting or grinding process. Product dust may be irritating to eyes, skin and respiratory system. May cause discomfort if swallowed. Prolonged contact may cause redness and irritation. |
| Effects of Exposure | None known. |

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

| | |
|------------------------|------------------------|
| Note to doctors | Treat symptomatically. |
|------------------------|------------------------|

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|---------------------------------------|--|
| Suitable Extinguishing Media | Dry chemical, CO ₂ , alcohol-resistant foam or water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Unsuitable extinguishing media | Do not use a solid water stream as it may scatter and spread fire. |

5.2. Special hazards arising from the substance or mixture

| | |
|---|--|
| Specific hazards arising from the chemical | None known based on information supplied. |
| Hazardous combustion products | Harmful gases or vapours. Oxides of sulphur. Carbon monoxide. Carbon dioxide (CO ₂). |

5.3. Advice for firefighters

| | |
|---|--|
| Special protective equipment and precautions for fire-fighters | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment. |
|---|--|

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|-----------------------------|--|
| Personal precautions | Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Wear personal protective clothing (see section 8). Avoid breathing dust. Avoid contact with eyes. |
|-----------------------------|--|

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Wash thoroughly after handling.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions Collect spillage. Avoid release to the environment. Local authorities should be advised if significant spillages cannot be contained. See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Use personal protection recommended in Section 8. Clear up spills immediately and dispose of waste safely. Stay upwind. Collect spillage. Sweep up and shovel into suitable containers for disposal. Avoid generation of dust. Prevent product from entering drains. After cleaning, flush away traces with water. Wash thoroughly after handling. Dispose of wastes in an approved waste disposal facility.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See Section 11 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Read carefully and follow all instructions. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. See section 8 for more information. Keep away from food, drink and animal feedingstuffs. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Minimise dust generation and accumulation. Do not breathe dust. Ensure adequate ventilation.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after work. When using do not eat, drink or smoke. Contaminated work clothing should not be allowed out of the workplace. Take off contaminated clothing and wash it before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Store away from incompatible materials. Store in accordance with local regulations. Store in a cool, well ventilated area. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep away from combustible material. Keep in a dry place.

7.3. Specific end use(s)

Specific use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits Exposure to these ingredients as inhalable or respirable dust is minimal during normal use. Avoid generation of dust.

| Chemical name | European Union | | | |
|--|---|--|---|--|
| Quartz (SiO ₂) 14808-60-7 | TWA: 0.1 mg/m ³ ; | | | |
| Chemical name | Austria | Belgium | Bulgaria | Croatia |
| Calcium sulfate dihydrate 10101-41-4 | - | TWA: 10 mg/m ³ ; | - | TWA-GVI: 4 mg/m ³ ; respirable dust TWA-GVI: 10 mg/m ³ ; total dust, inhalable particles |
| Quartz (SiO ₂) 14808-60-7 | TWA-TMW: 0.05 mg/m ³ ; alveolar dust, respirable fraction C | TWA: 0.1 mg/m ³ ; alveolar dust TWA: 0.05 mg/m ³ ; | TWA: 0.1 mg/m ³ ; respirable fraction | TWA-GVI: 0.1 mg/m ³ ; respirable dust; respirable particle |
| Chemical name | Cyprus | Czech Republic | Denmark | Estonia |
| Quartz (SiO ₂) 14808-60-7 | TWA: 0.1 mg/m ³ ; respirable dust fraction | TWA: 0.1 mg/m ³ ; dust | TWA: 0.3 mg/m ³ ; total TWA: 0.1 mg/m ³ ; respirable STEL: 0.6 mg/m ³ ; total STEL: 0.2 mg/m ³ ; respirable | TWA: 0.1 mg/m ³ ; respirable dust |
| Chemical name | Finland | France | Germany TRGS | Germany DFG |
| Calcium sulfate dihydrate 10101-41-4 | - | - | - | TWA-MAK: 4 mg/m ³ ; ; i nhalable fraction |
| Quartz (SiO ₂) 14808-60-7 | TWA: 0.05 mg/m ³ ; respirable dust | TWA-VME (restrictif): 0. 1 mg/m ³ ; alveolar fraction | - | - |
| Chemical name | Greece | Hungary | Italy MDLPS | Italy AIDII |
| Quartz (SiO ₂) 14808-60-7 | TWA: 0.1 mg/m ³ ; respirable dust fraction | TWA-AK: 0.1 mg/m ³ ; respirable fraction | TWA: 0.1 mg/m ³ ; respirable fraction | TWA: 0.025 mg/m ³ ; respirable fraction |
| Chemical name | Ireland | Latvia | Lithuania | Luxembourg |
| Quartz (SiO ₂) 14808-60-7 | TWA: 0.1 mg/m ³ STEL: 0.3 mg/m ³ (Silica, crystalline, respirable dust) TWA: 6 mg/m ³ TWA: 2.4 mg/m ³ (Silica, amorphous) | - | TWA-IPRD: 0.1 ppm; respirable fraction | TWA: 0.1 mg/m ³ ; |
| Glass fibre - | TWA: 1 fibre/mL TWA: 5 mg/m ³ | - | - | - |
| Chemical name | Malta | Netherlands | Norway | Poland |
| Quartz (SiO ₂) 14808-60-7 | - | TWA: 0.075 mg/m ³ ; respirable fraction | TWA: 0.05 mg/m ³ ; respirable dust TWA: 0.3 mg/m ³ ; total dust STEL: 0.9 mg/m ³ (value calculated;dust containing .alpha.-Quartz, Cristobalite and/or Tridymite is evaluated by summation formula. At the same time, the values for Nuisance dust must be observed); total dust STEL: 0.15 mg/m ³ (value | TWA-NDS: 0.1 mg/m ³ ; respirable fraction |

| | | | | |
|--|---|--|---|---|
| | | | calculated;dust containing .alpha.-Quartz, Cristobalite and/or Tridymite is evaluated by summation formula. At the same time, the values for Nuisance dust must be observed); respirable dust | |
| Chemical name | Portugal | Romania | Slovakia | Slovenia |
| Calcium sulfate dihydrate 10101-41-4 | TWA (VLE-MP): 10 mg/m ³ ; inhalable fraction | - | TWA: 1.5 mg/m ³ ; | - |
| Quartz (SiO ₂) 14808-60-7 | TWA (VLE-MP): 0.025 mg/m ³ ; respirable fraction | TWA: 0.1 mg/m ³ ; dust, respirable fraction | TWA: 0.1 mg/m ³ ; STEL: 0.5 mg/m ³ ; | TWA: 0.05 mg/m ³ ; respirable fraction |
| Chemical name | Spain | Sweden | Switzerland | United Kingdom |
| Calcium sulfate dihydrate 10101-41-4 | TWA-(VLA-ED): 10 mg/m ³ ; | - | TWA-MAK: 3 mg/m ³ ; respirable dust | TWA: 10 mg/m ³ TWA: 4.0 mg/m ³ |
| Quartz (SiO ₂) 14808-60-7 | TWA-(VLA-ED): 0.05 mg/m ³ ; respirable fraction | TLV-NGV: 0.1 mg/m ³ ; respirable fraction | TWA-MAK: 0.15 mg/m ³ ; respirable dust | TWA: 0.1 mg/m ³ (Silica, respirable crystalline) TWA: 6 mg/m ³ TWA: 2.4 mg/m ³ (Silica, amorphous) |
| Glass fibre - | - | - | - | TWA: 2 fibre/mL TWA: 5 mg/m ³ |

Biological occupational exposure limits

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL) - Workers No information available

Derived No Effect Level (DNEL) - General Public No information available.

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls**Engineering controls**

Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location. Apply technical measures to comply with the occupational exposure limits.

Personal protective equipment**Eye/face protection**

If there is a risk of contact: Tight sealing safety goggles. Eye protection must conform to standard EN 166.

Hand protection

Repeated or prolonged contact: Wear suitable gloves. During cutting, grinding or sanding operations, wear protective gloves if handling sharp or rough edges.

Skin and body protection

No special protective equipment required.

Respiratory protection

Harmful dust may be released during cutting or grinding process. When workers are facing

concentrations above the exposure limit they must use appropriate certified respirators. Dust mask for dust formation. Disposable filtering half mask respirators should comply with European Standard EN149 or EN405. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Check that the respirator fits tightly and the filter is changed regularly.

Environmental exposure controls Avoid creating dust.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|------------------------|---|
| Appearance | Flat sheet boards in different lengths, widths and thicknesses, with a square or tapered edge |
| Physical state | Solid |
| Colour | Grey, brown |
| Odour | Odourless |
| Odour threshold | No information available |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|---|---------------|-------------------------|
| Melting point / freezing point | | No data available |
| Boiling point or initial boiling point and boiling range | | No data available |
| Flammability | | No data available |
| Lower and upper explosion limit/flammability limit | | |
| Lower explosion limit | | No data available |
| Upper explosion limit | | No data available |
| Flash point | | No data available |
| Autoignition temperature | | No data available |
| Decomposition temperature | | No data available |
| SADT (°C) | | No data available |
| pH | | No data available |
| pH (as aqueous solution) | | No data available |
| Kinematic viscosity | | No data available |
| Dynamic viscosity | | No data available |
| Water solubility | | No data available |
| Solubility | | No data available |
| Partition coefficient n-octanol/water (log value) | | No data available |
| Vapour pressure | | No data available |
| Density and/or relative density | | No data available |
| Bulk density | | No data available |
| Liquid Density | | No data available |
| Relative vapour density | | No data available |
| Particle characteristics | | |
| Particle Size | | No data available |
| Particle Size Distribution | | No data available |

9.2. Other information

| | |
|-------------------------|--------------------------|
| Molecular weight | No information available |
| VOC content | No information available |
| Softening point | No information available |

9.2.1. Information with regards to physical hazard classes

| | |
|-----------------------------|--------------------------|
| Explosives | |
| Explosive properties | No information available |
| Oxidising properties | No information available |

9.2.2. Other safety characteristics

No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity None under normal use conditions.

10.2. Chemical stability

Stability Stable under normal conditions. Stable under recommended storage conditions.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid Dust formation. Extremes of temperature and direct sunlight.

10.5. Incompatible materials

Incompatible materials None known based on information supplied.

10.6. Hazardous decomposition products

Hazardous decomposition products None under normal use conditions.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Information on likely routes of exposure

Product Information

| | |
|---------------------|---|
| Inhalation | Harmful dust may be released during cutting or grinding process. Inhalation of dust in high concentration may cause irritation of respiratory system. |
| Eye contact | Not an expected route of exposure. Dust contact with the eyes can lead to mechanical irritation. |
| Skin contact | Prolonged contact may cause redness and irritation. Contact with dust can cause mechanical irritation or drying of the skin. |
| Ingestion | Not an expected route of exposure. May cause gastrointestinal discomfort. |

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Harmful dust may be released during cutting or grinding process. Product dust may be irritating to eyes, skin and respiratory system. May cause discomfort if swallowed. Prolonged contact may cause redness and irritation.

Acute toxicity Based on available data, the classification criteria are not met.

Numerical measures of toxicity No information available.

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---------------------------|----------------------|-------------|-----------------|
| Calcium sulfate dihydrate | > 2000 mg/kg (Rat) | - | > 3.26 mg/l |

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Based on available data, the classification criteria are not met.

| Component Information | | | | | |
|--|----------------|--------|---------|---------------|---------|
| Calcium sulfate dihydrate (10101-41-4) | | | | | |
| Exposure route | Effective dose | Method | Species | Exposure time | Results |
| Dermal | 0.5 g | | | | |

| Glass fibre (-) | | | | | |
|-----------------|----------------|--|---------|---------------|--------------|
| Exposure route | Effective dose | Method | Species | Exposure time | Results |
| | | OECD Test No. 404: Acute Dermal Irritation/Corrosion | | | non-irritant |

Serious eye damage/eye irritation Based on available data, the classification criteria are not met.

| Component Information | | | | | |
|--|--------|---------|----------------|---------------|---------|
| Calcium sulfate dihydrate (10101-41-4) | | | | | |
| Effective dose | Method | Species | Exposure route | Exposure time | Results |
| 0.1 g | | | | | |

| Glass fibre (-) | | | | | |
|-----------------|--------|---------|----------------|---------------|--------------|
| Effective dose | Method | Species | Exposure route | Exposure time | Results |
| | | | | | non-irritant |

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

| Component Information | | | | | |
|--|--------|----------------|-----------------------|--|--|
| Calcium sulfate dihydrate (10101-41-4) | | | | | |
| Glass fibre (-) | | | | | |
| Species | Method | Exposure route | Results | | |
| | | | Not a skin sensitiser | | |

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

| Component Information | | | | | |
|-----------------------|---------|------------------|--|--|--|
| Glass fibre (-) | | | | | |
| Method | Species | Results | | | |
| | | Not Carcinogenic | | | |

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT - single exposure Based on available data, the classification criteria are not met.

STOT - repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Not applicable.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disruption for human health This product does not contain any known or suspected endocrine disruptors.

11.2.2. Other information

Other adverse effects None known based on information supplied.

SECTION 12: Ecological information

12.1. Toxicity Based on available data, the classification criteria are not met. Not considered to be harmful to aquatic life.

| Chemical name | Fish | Crustacea | Algae/aquatic plants | Toxicity to microorganisms |
|---------------|-------------------------------------|--------------------------------------|--|----------------------------|
| Glass fibre | LC50: >1000 mg/L (96h, Danio rerio) | EC50: >1000 mg/L (3d, Daphnia magna) | EC50: >1000 mg/L (3d, Pseudokirchneriella subcapitata) | - |

12.2. Persistence and degradability No information available.

Calcium sulfate dihydrate (10101-41-4)

| Exposure time | Method | Value | Results |
|---------------|--------|-------|---------|
| - | | | |

12.3. Bioaccumulative potential No information available.

12.4. Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment No information available.

| Chemical name | PBT and vPvB assessment |
|---------------------------|-------------------------|
| Calcium sulfate dihydrate | Not PBT/vPvB |

12.6. Endocrine disrupting properties This product does not contain any known or suspected endocrine disruptors.

12.7. Other adverse effects None known based on information supplied.

PMT or vPvM properties Based on available data, the classification criteria are not met.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

| | |
|--|--|
| Waste from residues/unused products | The generation of waste should be minimised or avoided wherever possible. Recover or recycle if possible. This material and its container must be disposed of in a safe way. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. |
| Contaminated packaging | Empty containers should be taken to an approved waste handling site for recycling or disposal. |
| Waste codes / waste designations according to EWC / AVV | According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used. |

SECTION 14: Transport information

| | |
|---|--------------------------|
| <u>IATA</u> | Not regulated |
| 14.1 UN number or ID number | Not regulated |
| 14.2 UN proper shipping name | Not regulated |
| 14.3 Transport hazard class(es) | Not regulated |
| 14.4 Packing group | Not regulated |
| 14.5 Environmental hazards | Not applicable |
| 14.6 Special precautions for user | |
| Special Provisions | None |
| <u>IMDG</u> | Not regulated |
| 14.1 UN number or ID number | Not regulated |
| 14.2 UN proper shipping name | Not regulated |
| 14.3 Transport hazard class(es) | Not regulated |
| 14.4 Packing group | Not regulated |
| 14.5 Environmental hazards | Not applicable |
| 14.6 Special precautions for user | |
| Special Provisions | None |
| 14.7 Maritime transport in bulk according to IMO instruments | No information available |
| <u>RID</u> | Not regulated |
| 14.1 UN number or ID number | Not regulated |
| 14.2 UN proper shipping name | Not regulated |
| 14.3 Transport hazard class(es) | Not regulated |
| 14.4 Packing group | Not regulated |
| 14.5 Environmental hazards | Not applicable |
| 14.6 Special precautions for user | |
| Special Provisions | None |
| <u>ADR</u> | Not regulated |
| 14.1 UN number or ID number | Not regulated |
| 14.2 UN proper shipping name | Not regulated |
| 14.3 Transport hazard class(es) | Not regulated |
| 14.4 Packing group | Not regulated |
| 14.5 Environmental hazards | Not applicable |
| 14.6 Special precautions for user | |
| Special Provisions | None |
| <u>ADN</u> | Not regulated |
| 14.1 UN number or ID number | Not regulated |
| 14.2 UN proper shipping name | Not regulated |
| 14.3 Transport hazard class(es) | Not regulated |
| 14.4 Packing group | Not applicable |
| 14.5 Environmental hazard | Not applicable |
| 14.6 Special precautions for user | |

Special Provisions None

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****France****Occupational Illnesses (R-463-3, France)**

| Chemical name | French RG number |
|--|------------------|
| Quartz (SiO ₂) 14808-60-7 | RG 25 |

Chemical Prohibition Ordinance (ChemVerbotsV)

Not applicable.

TA Luft (German Air Pollution Control Regulation)

| Chemical name | Number | Class |
|--|-----------|-------|
| Quartz (SiO ₂) 14808-60-7 | 5.2.7.1.1 | - |

TRGS 905 Not applicable

Netherlands**Carcinogenic, mutagenic and reproductive toxic effects**

| Chemical name | Netherlands - List of Carcinogens | Netherlands - List of Mutagens | Netherlands - List of Reproductive Toxins |
|--|-----------------------------------|--------------------------------|---|
| Quartz (SiO ₂) 14808-60-7 | Present | - | - |

Ordinance on the Incentive Tax on Volatile Organic Compounds (OVOC) SR 814.018 Not applicable
Storage of Hazardous Material Not applicable
WPO (GSchV) SR 814.201; WPA (GSchG) SR 814.20 Not applicable
Major Accidents Ordinance SR 814.012 Not applicable

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Authorisations and/or restrictions on use:

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 2024/590

Not applicable.

EU - Plant Protection Products (1107/2009/EC)

| Chemical name | EU - Plant Protection Products (1107/2009/EC) |
|--|---|
| Quartz (SiO ₂) 14808-60-7 | Plant protection agent |

Explosives Precursors Marketing and Use (2019/1148)

Not applicable.

International Inventories

Contact supplier for inventory compliance status

15.2. Chemical safety assessment**Chemical Safety Report**

Not applicable.

SECTION 16: Other information**Key or legend to abbreviations and acronyms used in the safety data sheet***List may include phrases which are not applicable to this product*

| | |
|-----------|---|
| ACGIH | American Conference of Governmental Industrial Hygienists |
| AIDII | Italian Association of Industrial Hygienists |
| ADN | Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Europe) |
| ADR | Agreement concerning the International Carriage of Dangerous Goods by Road (Europe) |
| AIIC | Australian Inventory of Industrial Chemicals |
| ATE | Acute Toxicity Estimate |
| ASTM | American Society for the Testing of Materials |
| bar | Biological Reference Values for Chemical Compounds in the Work Area |
| BAT | Biological tolerance values for occupational exposure |
| BEL | Biological exposure limits |
| bw | Body weight |
| Ceiling | Maximum limit value |
| CLP | Classification, Labelling and Packaging Regulation; Regulation (EC) No 1272/2008 |
| CMR | Carcinogen, Mutagen or Reproductive Toxicant |
| DFG | German Research Foundation |
| DOT | Department of Transportation (United States) |
| DSL | Domestic Substances List (Canada) |
| ECHA | European Chemicals Agency |
| EC Number | European Community number |
| EmS | Emergency Schedule |
| ENCS | Existing and New Chemical Substances (Japan) |
| EPA | U.S. Environmental Protection Agency |
| EWC | European Waste Codes |
| GHS | Globally Harmonized System |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IBC | International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk |
| ICAO | International Civil Aviation Organisation |
| IECSC | Inventory of Existing Chemical Substances in China |
| IMDG | International Maritime Dangerous Goods |
| IMO | International Maritime Organization |

| | |
|---------|---|
| ISO | International Organisation for Standardisation |
| KECI | Korean Existing Chemicals Inventory |
| LC50 | Lethal Concentration to 50% of a test population |
| LD50 | Lethal Dose to 50% of a test population (Median Lethal Dose) |
| MAK | Maximum Concentration at the Workplace |
| MAL | Measuring Technical Hygienic Air Needs |
| MARPOL | International Convention for the Prevention of Pollution from Ships |
| MDLPS | Ministry of Labour and Social Policy |
| n.o.s. | Not Otherwise Specified |
| NOAEC | No Observed Adverse Effect Concentration |
| NOAEL | No Observed Adverse Effect Level |
| NOELR | No Observable Effect Loading Rate |
| NZIoC | New Zealand Inventory of Chemicals |
| OECD | Organization for Economic Cooperation and Development |
| OEL | Occupational exposure limits |
| PBT | Persistent, Bioaccumulative and Toxic substance |
| PICCS | Philippines Inventory of Chemicals and Chemical Substances |
| PMT | Persistent, Mobile and Toxic |
| PPE | Personal protective equipment |
| QSAR | Quantitative Structure Activity Relationship |
| REACH | Registration, Evaluation, Authorisation, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006) |
| RID | Agreement concerning the International Carriage of Dangerous Goods by Rail (Europe) |
| SADT | Self-Accelerating Decomposition Temperature |
| SAR | Structure-activity relationship |
| SDS | Safety Data Sheet |
| SL | Surface Limit |
| STEL | Short Term Exposure Limit |
| STOT RE | Specific target organ toxicity - Repeated exposure |
| STOT SE | Specific target organ toxicity - Single exposure |
| SVHC | Substance of very high concern |
| TCSI | Taiwan Chemical Substance Inventory |
| TDG | Transport of Dangerous Goods (Canada) |
| TRGS | Technical Rule for Hazardous Substances |
| TSCA | Toxic Substances Control Act (United States) |
| TWA | Time-Weighted Average |
| UN | United Nations |
| VOC | Volatile organic compounds |
| vPvB | Very Persistent and Very Bioaccumulative |
| vPvM | Very Persistent and Very Mobile |
| As | Allergenic substance |
| C | Carcinogen |
| DS | Dermal Sensitizer |
| Ot | Ototoxicant |
| pOt | Ototoxicant - potential to cause hearing disorders |
| PS | Photosensitizer |
| RS | Respiratory Sensitizer |
| S | Sensitizer |
| poS | Sensitizer - capable of causing occupational asthma |
| Sa | Simple asphyxiant |
| Sd | Skin designation |
| pSd | Skin designation - potential for cutaneous absorption |
| Sdv | Skin designation - vacated |
| Sk | Skin notation |
| dSk | Skin notation - danger of cutaneous absorption |
| pSk | Skin notation - potential for cutaneous absorption |

Key literature references and sources for data used to compile the SDS

U.S. Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)
European Chemicals Agency (ECHA) (ECHA_API)
U.S. Environmental Protection Agency
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
Japan GHS Classification
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
U.S. National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
International Organization for Economic Co-operation and Development (OECD) Environment, Health, and Safety Publications
International Organization for Economic Co-operation and Development (OECD) High Production Volume Chemicals Program
International Organization for Economic Co-operation and Development (OECD) Screening Information Data Set
United Nations World Health Organization (WHO)

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This safety data sheet complies with the requirements of Commission Regulation (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No. 1907/2006

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End of Safety Data Sheet