

**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Generic name</b>	<b>MINERAL WOOL</b>
<b>Suggested use</b>	: Thermal and sound insulation in Building and Industry
<b>Manufacturer</b>	: <b>SAINT- GOBAIN PPC ITALIA S.p.A.</b> Registered Offices: Via Ettore Romagnoli, 6 20146 Milan (Italy)
<b>Contact n.</b>	Tel.: (+39) 0242431 Fax: (+39) 0248953780 E-mail: InfoEhs.it.isover@saint-gobain.com Factory: 24043 -Vidalengo di Caravaggio (BG) – Via G. Donizetti 32/34 (+39) 0363318.400 (only during office hours from Monday to Friday from 9:00am to 12.00 noon and from 1:00pm to 5:00pm)

**2. HAZARDS IDENTIFICATION**

<b>Main hazards</b>	: No hazard declaration associated with this product
<b>Specific hazards</b>	: Does not apply

**3. PRODUCT COMPOSITION / INFORMATION**

Substance	Registration number <sup>(2)</sup>	Weight (%)	Classification and Labelling (Regulation (EC) No 1272/2008) <sup>(3)</sup>	Classification and Labelling (Regulation (EU) No 1179/2016) <sup>(4)</sup>
Mineral wool <sup>(1)</sup>	01 2119472313 44-XXXX	90- 98%	Not classified	Not classified
Thermopolymeric binder		2 – 10%		

- (1): [Artificial vitreous fibers (silicates), which have a random orientation and a content of alkali oxides and alkaline earth oxides (Na<sub>2</sub>O + K<sub>2</sub>O + CaO + MgO + BaO) higher than 18% by weight] complies with one of the conditions of Note Q - Directive 97/69/EC of the European Commission as taken up by EU Regulation no. 1272/2008 (page 335 of the O.J.EC L353, 31 December 2008)
- (2): REACH registration number.
- (3): The 'carcinogen' classification does not apply as the product complies with one of the conditions indicated in Note Q - Directive 97/69/EC as taken up by EU Regulation no. 1272/2008 (page 335 in O.J. EC L353, 31 December 2008).
- (4): Directive amended by art. 1 of Directive 97/69/EC of the European Commission of 5 December 1997. Substances are classified in accordance with Regulation (EC) No 1272/2008, during the period from its entry into force until 1 December 2010 this classification may be added to the Safety Data Sheet together with the classification in accordance with the EU Regulation 1179/2016C, as amended above. From 1 December 2010 and until 1 June 2015, the Safety Data Sheets for substances shall contain the classification according to EU Regulation 1179/2016, and Regulation (EC) No 1272/2008 (art. 57 of Regulation (EC) No. 1272/2008, in O.J. CE L353, page 27).

<sup>1</sup>The European Directive (ED) on chemicals No. 1907/2006 (REACH) in force since 1 June 2007 requires that Safety Data Sheets (MSDS) be drawn up only for dangerous substances and mixtures/preparations. Mineral wool products (panels or rolls) are, according to the aforementioned REACH regulation, 'items', therefore Safety Data Sheets (MSDS) are not mandatory. However, Saint-Gobain PPC Italia S.p.A. decided to provide its customers and those who use the product with the appropriate information for handling and using mineral wool, by this Instructions for Use Sheet.

**4. FIRST AID MEASURES**

**Information divided according to the different routes of exposure to the product and/or dust:**

- **Inhalation** : Move the subject to open air. Have them rinse their throat and blow their nose to remove dust
- **Skin contact** : In case of mechanical irritation, remove contaminated clothing and wash skin gently with cold water and neutral soap.
- **Eye contact:** : Rinse thoroughly with fresh water for at least 15 minutes
- **Ingestion** : The product is not edible and must not be ingested. Drink plenty of water in case of accidental ingestion

If you experience an adverse reaction or continued discomfort after any of the above exposures, consult your physician

**5. FIRE PREVENTION MEASURES**

**Suitable fire-extinguishing media** : Mineral wool does not pose a fire hazard when used; however, some packaging or coating materials might be combustible.  
 Suitable fire-extinguishing media: water, foam, carbon dioxide (CO<sub>2</sub>), and dry powder.  
 In the event of large fires involving other materials or involving packaging materials, the use of specific respiratory protection devices/specific respirators is mandatory  
 Substances generated by the combustion of the product and/or packaging: carbon dioxide, carbon monoxide and traces of some gases, such as ammonia, nitrogen oxides and volatile organic substances.

**6. MEASURES IN CASE OF ACCIDENTAL RELEASE OF DUST**

- Precautionary measures for people** : In case of presence of high concentrations of dust, use the same personal protective equipment mentioned in Section 8.
- Environment protective measures** : NR
- Cleaning methods** : Use a vacuum cleaner or wet or moisten with water spray before sweeping.

**7. HANDLING AND STORAGE**

**Handling**

- **Technical measures** : The measures indicated in Section 8. To cut the product, better use a knife. If an electric tool is used, it must be equipped with adequate air/dust suction and IFUs specifically provided by the relevant manufacturer shall be applied.
- **Preventive measures** : Ensure adequate ventilation of the workplace. See Section 8
- **Tips for safe handling** : Avoid unnecessary handling of the product. See Section 8

**Storage**

- **Technical measures** : No specific measure The products shall be stored in compliance with the specific risk assessment of the site where the products are to be stored.
- **Proper storage conditions** : Store the products in a dry, well-ventilated, covered place, away from direct heat sources

- **Incompatible materials** : None
- **Packaging material** : Polythene, paper and cardboard, wood pallets.

**8. EXPOSURE CONTROL / PERSONAL PROTECTION**

Exposure limit value : None at European level.

Exposure controls : No specific requirement

**Personal protection equipment**

- Airways protection : Using a type of mask compliant with EN 149 FFP1 and in any case working in a ventilated place is recommended
- Hands protection : Wear cutting gloves for protection against cutting and against any mechanical rubbing, in compliance with EN 388
- Eyes protection : Wear protective goggles in compliance with EN 166
- Skin protection : Cover areas of skin exposed to mechanical rubbing.
- Personal hygiene measures : Rinse in cold water before washing by rubbing

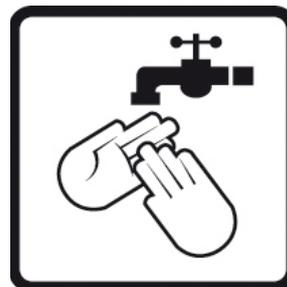
The following phrases and pictograms are printed on the packaging.

These indications refer solely to the product.

The operator shall anyway take care to comply with the specifically applicable construction-site regulations.



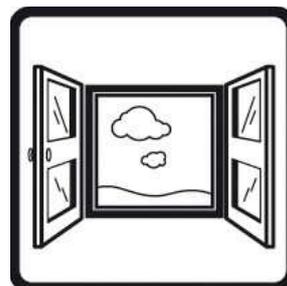
**Wear work clothes.**



**Clean the work environment with a vacuum cleaner.**



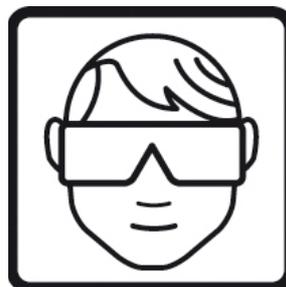
**Clean the work environment with a vacuum cleaner.**



**Preferably ventilate work environments.**



Proceed to waste disposal according to current regulations.



Wear protective goggles.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	: Solid
<b>Form</b>	: Roll or panel
<b>Colour</b>	: Yellow, amber or white
<b>Smell</b>	: may give off a slight smell
<b>pH</b>	: Does not apply
<b>Boiling point</b>	: NR
<b>Flash point</b>	: NR
<b>Flammability</b>	: NR
<b>Explosive properties</b>	: NR
<b>Density</b>	: from 9 to 120 kg/m <sup>3</sup>
<b>Solubility in water</b>	: generally chemically inert and not soluble in water.
<b>Fat solubility</b>	: Does not apply
<b><u>More information</u></b>	
<b>Length Weighted Geometric Mean Diameter (LWGMD) of fibres, approx.:</b>	from 3 to 5 µm
<b>Length Weighted Geometric Mean Diameter (LWGMD) minus 2 standard errors:</b>	< 6 µm
<b>Fiber orientation</b>	: Random

### 10. PRODUCT STABILITY AND REACTIVITY

<b>Stability</b>	: Stable under normal conditions of use
<b>Dangerous reactions</b>	: None under normal conditions of use
<b>Hazardous decomposition products</b>	: None under normal conditions of use

**11. TOXICOLOGICAL INFORMATION ON THE PRODUCT**

<b>Acute toxicity</b>	: The mechanical effect of the product or its residues in contact with the skin may cause temporary itch.
<b>Carcinogen effect</b>	: Classification not applicable to the mineral wools contained in this product, as it complies with one of the conditions of Note Q - Directive 67/548/EEC, as modified by art. 1 of European Directive 97/69/EC, as referred to by the European Regulation 1272/2008, note 1 of the European Directive 97/69/EC, as referred to by European Regulation 1272/2008, Note Q. (See Section 15)

**12. ECOLOGICAL INFORMATION**

The product does not pose a danger to animals or plants under normal conditions of use.

**13. PRODUCT DISPOSAL - CONSIDERATIONS**

<b>Waste from residues</b>	: Dispose of in accordance with national and local (regional, provincial, municipal) regulations in force
<b>Dirty packaging</b>	: Dispose of in accordance with national and local (regional, provincial, municipal) regulations in force.
<b>European Waste Catalogue code</b>	: 17 06 04 (the code shown is only a general indication, based on the original composition of the product and its intended use. The user has the final responsibility to identify the most appropriate EWC code, based on the actual use of the product, any alterations or contaminations)

The coverings and packaging and related residues shall be disposed of in compliance with national and local (regional, provincial, municipal) legislation in force

**14. TRANSPORT INFORMATION**

**National and international regulation** : No specific regulation

**15. REGULATORY INFORMATION**

European Directive 97/69/EC, referred to in EC Regulation no. 1272/2008, with regard to mineral wool, in Note Q provides that the 'carcinogen' classification need not apply in the following cases:

**Note Q:** , if the substance in question fulfills one of the following conditions:

- a short-term biopersistence test by inhalation has shown that the fibres longer than 20µm have a weighted half life less than 10 days, or
- a short-term biopersistence test by intratracheal instillation has shown that the fibres longer than 20µm have a weighted half life less than 40 days, or
- an appropriate intra-peritoneal test has shown no evidence of excess carcinogenicity, or
- absence of relevant pathogenicity or neoplastic changes in a suitable long term inhalation test.

## 16. MORE INFORMATION

Mineral wool fibers contained in products manufactured by SAINT-GOBAIN PPC ITALIA S.p.A. – ISOVER activities cannot be classified as ‘carcinogen’ as they comply with one of the conditions set out in Note Q - European Directive 97/69/EC, referred to in EC Regulation 1272/2008, and are certified by the EUCEB.

Commission Regulation (EU) no. 2015/830 of 28 May 2015

The EUCEB (European Certification Board for Mineral Wool Products) [www.euceb.org](http://www.euceb.org), established on the initiative of the mineral wool industry, is an independent certification body whose purpose is to guarantee that the products are composed of fibers that comply with the non-applicability criteria of the ‘carcinogen’ classification (Note Q).

The EUCEB certifies that mineral wool manufacturers have implemented self-regulatory measures and that controls and supervision procedures are carried out by expert, qualified and independent institutes.

SAINT-GOBAIN PPC ITALIA S.p.A. is committed towards the EUCEB to:

- provide analysis and sampling reports as defined by the laboratories recognised by the EUCEB, demonstrating that the fibers comply with one of the conditions described in Note Q, cited above,
- subject each production unit to an inspection, to be carried out at least twice a year and without notice, by an independent third party identified by the EUCEB (sampling, chemical analyses and checks on compliance with the chemical composition previously tested according to Note Q),
- apply self-regulation procedures at the production unit.



EUCEB is an ISO 9001 certified association.

Moreover, according to IARC (International Agency for Research on Cancer) classification, mineral wool for insulation falls within **Group 3 ‘The agent (mixture) is unclassifiable as to carcinogenicity in humans’**, which includes products such as tea. (See single text Vol. 81, <http://monographs.iarc.fr/>)

On 22 March 2006, the EU Technical Committee for classification, labelling of hazardous chemical products abolished the ‘irritant’ classification for the product in question with a decision of 22 March 2006 published with Directive 2009/2 and EU regulation no. 790/2009.

*If more detailed information is required please contact the Manufacturer (contact details on the first page of this Sheet).*

*Information provided in this Sheet is based on knowledge regarding the product at the date of preparation of this Sheet, as stated at the top of the Sheet itself. Information is provided in good faith.*

*Users shall also focus their attention on the possible hazards when using the product for any purpose other than that for which it is intended.*