

SAFETY DATA SHEET

Acc. to NOM-018-STPS-2000



Product ID: X-terium
Version 1.01 Spanish

Cancel: F-08/2010
Printing date: june 26, 2019

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifier:

Gypsum board with additives for exterior use with fiber glass veil of 1,22 m width, variable length, and 12,7 mm of thickness.
Trade name: X-terium

1.2 Other types of identification:

Plate, panel, cardboard, or drywall, with fiber glass veil or glass mat for exterior use.
SAP Code: 354234

1.3 Product Use:

Gypsum board with additives for exterior use with fiber glass veil, used to build facades, or elements subject to weathering or direct or constant contact with water. During its installation it is recommended to avoid vacuuming the dust generated by cuts and manipulation.

1.4 Data of the manufacturer, importer or supplier:

Saint-Gobain Plaka S.A. de C.V. 123 La Noria Ave., Parque Industrial Santa Rosa Jáuregui, Querétaro, Qro. Mexico 76220 Telephone number: +52 442 227 4000 Web: www.gyproc.com.mx
Mail : respuestasordenes.plafon@saint-gobain-com

1.5 Emergency telephone number: Mexican Red Cross +911 only mexican territory.

SECTION 2: HAZARD(S) IDENTIFICATION

2.1 Classification of the hazard chemical substance or mixture:

Category 3: causes slight skin irritation.

Category 2: liable to cause lung cancer if the dust generated in your facility is sucked without adequate protection

2.2 Signaling elements:

Hazardous substance or mixture: Crystalline Silica		
H 316	Attention: causes slight skin irritation	
H 351	Liable to cause lung cancer	
P270	Do not eat, drink or smoke while handling the product	
P 284	In case of insufficient ventilation, wear respiratory protection equipment.	

2.3 Other hazards that do not contribute to the classification: due to the dimensions of the product, it must be stored resting horizontally on supports. They should not be stored leaning against the edges, since there is a risk of falling on a person and injuring them.

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SECTION 3: COMPOSITION / INFORMATION ABOUT THE COMPONENTS

3.1 The product as shipped, and stored does not present any health risk. When handled and cut during installation it generates dust with crystalline silica in low quantity, the operator must protect himself from sucking in that dust.

Components:

Ingredients	CAS Number (Chemical Abstracts Service)	Percentage
Gypsum or calcium sulfate dihydrate	13379-24-5/10101-41-4	>85
Crystalline silica	14808-60-7	>2
Additives	ICC	<5

SECTION 4: FIRST AID MEASURES

The finished product itself does not represent any health risk. During installation can be generated gypsum dust that can cause slight irritation if appropriate protective equipment is not used. The procedures described below refer to these cases.

4.1 First aid procedures:

- a) Eye irritation: In case of irritation, do not rub or scratch, flush with clean water for 15 minutes to remove particles. Seek medical attention for abrasions.
- b) Skin irritation: Flush skin with neutral pH soap or mild detergent and plenty of water. If irritation persists or there is a rash, get medical attention
- c) Ingestion: Do not induce vomiting. Seek medical attention or contact your emergency center immediately.
- d) Inhalation: transfer the person to a ventilated place with fresh air. Seek medical attention if the discomfort does not go away.
- e) Other risks: not determined.

4.2 Información para el médico:

El tratamiento deberá corresponder al control de los síntomas y a la condición clínica de la persona afectada.

SECTION 5: FIRE-FIGHTING MEASURES

The product is not flammable or non-combustible. The measures listed below apply to fire conditions at the site where they are stored or installed.

5.1 Appropriate extinguishing Media: Water, water mist, or appropriate extinguishing media for the surrounding fire.

5.2 Specific hazards from hazardous chemicals or mixtures: not applicable

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5.3 Special measures required to follow firefighting groups: use of required personal protective equipment.

The gypsum board does not possess or represent any fire related hazard.

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SECCIÓN 6: ACTIONS TO BE TAKEN IN CASE OF SPILL OR ACCIDENTAL LEAK

During storage and/or product installation it should be considered that they are heavy that can cause back injuries if the good handling practice are not followed, and they are loaded without equipment or appropriate lifting techniques.

6.1 Personal protective equipment when handling objects or changing places: see section 7. In case of loading the board, do it between two people and also use a belt to avoid injuries. Follow the handling and storage recommendations published in the product data sheet. The boards that fall to the floor can be used if they have not been contaminated by external agents or foreign materials.

No special cleaning precautions or measures are required.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions to be taken for safe handling

- a) Use of personal protective equipment: gloves, safety glasses, vest and safety boots and NIOSH respirador.
- b) keep the storage space ventilated to eliminate dust concentrations.
- c) Do not stack more than 70 pieces in a stowage, raise from ground level with transverse strips to no more than 61 cm. of separation, not to pile more than 5 pallets one on another.
- d) Transport the gypsum boards with forklifts or similar equipment capable of classifying and lifting loads. The forks should be long enough to fully extend across the width of the load.
- e) Eliminate any construction material suspected of keeping moisture that may affect the rigidity of the gypsum boards and modify the resistance of the products.
- f) Drive on site according to the safety measures of the construction site.
- g) Observe good safety and hygiene practices: do not smoke, eat or drink during handling.

7.2 Conditions for safe storage, including any compatibility

- a) Store in a covered, cool and dry place large enough and protected from the weather.
- b) Eliminate any accumulation of water or steam that could affect the structure or stability of the product.
- c) Storage away from heat sources, mixture preparation areas, or any element that could affect the physical or mechanical product properties.
- d) Store the sheets horizontally on supports at 61 cm. although this causes a risk of tripping. If they are stacked vertically resting on the long edge, leave 10 cm (4 in) away from the wall and no more than 15 cm (6 in) to reduce the risk of falling plates, and avoid excess material loaded on the wall. Do not lean on short edge.
- e) Minimize the generation and accumulation of dust, using wet methods if necessary.
- d) Observe indications of the technical data sheet of the product.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters: Keep dust exposure limit value below 0,025 mg/m^{3(R)}. VLE-PPT under normal TPN conditions for 8 hours a day, 40 hours a week.

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8.2 Appropriate Engineering Controls:

- a) Provide sufficient ventilation to control dust levels in the air during handling and installation.
- b) If user operations generate dust in the air, administer ventilation so that dust particles remain below permissible exposure limits.
- c) Where ventilation is inadequate, use local ventilation or other engineering controls to control dust levels below allowable limits.

8.3 Individual protection measures, such as personal protective equipment

- a) Eye protection: Wear approved safety goggles, to avoid direct exposure to dust.
- b) Skin protection: use gloves and protective clothes to avoid repetitive or prolonged contact.
- b) Respiratory protection: Wear respiratory mask NIOSH/MSHA.
- d) General hygiene considerations: observe personal hygiene measures during the use and handling of the product, such as washing hands after handling the product and before eating, drinking or smoking; Wash clothes and equipment used during the use and handling of the product frequently to remove irritating particles for the skin.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance: Solid grey smooth surface board with off-white core.	9.2 Odor: low, odorless
9.3 Odor threshold: undetermined	9.4 Potential Hydrogen (pH): neutral
9.5 Melting point / Freezing Point °C (°F): do not apply	9.6 Starting point and boiling range °C (°F): do not apply
9.7 Flashpoint °C (°F): do not apply	9.8 Evaporation rate: do not apply
9.9 Flammability (solid / gas): Do not apply	9.10 Lower/ Upper Flammability or explode Limit: Do not apply
9.11 Vapor Pressure: Do not apply	9.12 Vapor density: Do not apply
9.13 Apparent density: 782,61 kg/m ³ (48,86 lb/ft ³)	9.14 Solubility (water): no determinado
9.15 N-octanol/ water partition coefficient: Do not apply	9.16 Spontaneous ignition temperature: not determined
9.17 Decomposition temperature: Do not apply	9.18 Viscosity: Do not apply
9.19 Molecular weight: information not available	9.20 Other relevant data:

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: None known	10.2 Chemical stability: stable. Avoid contact with non compatible materials.
10.3 Possibility of hazardous reactions: None known	10.4 Conditions to avoid: Avoid dust dispersion.

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10.5 Incompatible materials: strong oxidizers, strong acids, diazomethane, ammonium, aluminum, and fluorine salts.

10.6 Hazardous decomposition products: Over 825 °C it can generate sulfur oxide and calcium oxide smoke.

SECTION 11: TOXICOLOGICAL INFORMATION

The finished product is not toxic or dangerous. During its installation, it generates gypsum dust and crystalline silica from what the user has to be protected with the right equipment.

11.1 Information on likely routes of entry

- a) Dust inhalation: susceptible to produce silicosis or pneumoconiosis that lead to cancer.
- b) Constant skin contact: superficial skin irritation.
- c) Eye contact: eye irritation.

11.2 Symptoms related to the physical, chemical and toxicological characteristics: Low exposure to dust without PPE causes irritation to the skin, eyes and respiratory tract. Prolonged exposure to dust without PPE may cause 11.1 sport effects.

11.3 Immediate and delayed effects, as well as chronic effects produced by exposure: see section 3

11.4 Numerical measures of toxicity (such as acute toxicity estimates): not relevant

11.5 Interactive effects: not relevant

11.6 When specific chemical data is not available:

11.7 Mixtures: see information in section 3

11.8 Information on the mixture and its components: see section 3

11.9 Other information

SECTION 12: ECOTOXICOLOGICAL INFORMATION

12.1 Toxicity: The product has no adverse effects to ecology

12.2 Persistence and degradability: information not available

12.3 Bioaccumulative potential: information not available

12.4 Soil Mobility: information not available

12.5 Other adverse effects: information not available

SECTION 13: DISPOSAL CONSIDERATIONS

The waste is transported to landfills or construction debris authorized by local regulation.

SECTION 14: TRANSPORT INFORMATION

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14.1 ONU number: Not applicable	14.2 UN proper shipping name: Not applicable	
14.3 Transport hazard classes: Not applicable	14.4 Packing group: Not applicable	
14.5 Environmental risks: Not applicable	14.6 Special precautions for user: Not applicable	
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC code: Not applicable		

SECTION 15: REGULATORY INFORMATION

Specific provisions on safety, health and the environment for dangerous chemical substances or mixture of which it is:
Not Applicable

SECTION 16: OTHER INFORMATION INCLUDING REGARDING THE PREPARATION AND UPDATING OF SAFETY DATA SHEETS

The information is believed to be correct but is not exhaustive and will be used for guidance only. It is based on current product knowledge and applies to appropriate product safety precautions.

The information and the order in which it is presented was adjusted to the requirements of the current applicable NOM