

# SAFETY DATA SHEET

In accordance with NOM-018-STPS-2015

Product identification: X-terium  
Version 1.01 English

Cancels: F-08/2010  
Date: June 8th, 2020

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION


<p>1.1 Product Identification: Gypsum board with additives for exterior use, covered with fiberglass mat; 1,22 x 2,44 m. (4 x 8 ft) and 12,7 mm. (1/2 in.) thick. Commercial brand: X-terium</p>	<p>1.2 Other identification means Glass mat gypsum substrate, exterior gypsum board. Manufacturer Code: M00354234</p>
<p>1.3 Product use: Gypsum boards with additives covered with a fiberglass mat, used to build facades or any exterior elements subject to weathering or direct, constant or frequent contact with water. During installation, it is advisable to avoid the dust generated by cutting and handling exposition.</p>	
<p>1.4 Manufacturer data: Saint-Gobain Plaka S.A. de C.V. Avenida la Noria no. 123, Parque Industrial Santa Rosa Jauregui, Queretaro, Qro. México 76220 Telephone number: +52 442 227 4000 Web site: <a href="http://www.plaka.com.mx">www.plaka.com.mx</a> Correo electrónico: <a href="mailto:respuestaplaka@saint-gobain.com">respuestaplaka@saint-gobain.com</a></p>	
<p>1.5 Emergency telephone number: In Mexico +911 Cruz Roja Mexicana; in USA Chem Tel (800) 255-3924</p>	

## SECTION 2: HAZARDS IDENTIFICATION

2.1 Hazardous chemical or mixture classification:

- Category 3: causes slight skin irritation.
- Category 2: may cause lung cancer if dust generated during handling in installation is inhaled without adequate protection.

2.2 Signaling elements

Hazardous substance or mixture: Crystalline Silica		
H 316	Caution: causes mild skin irritation.	
H 351	May cause lung cancer	
P270	Do not eat, drink or smoke while handling this product.	
P 284	In case of insufficient ventilation, wear respiratory protective equipment.	

2.3 Other hazards that do not contribute to the classification:

Due to the product dimensions, it should be stored resting horizontally on supports (raisers). They should not be stored resting on the edges, since there is a risk of falling on a person and injuring him/her.

## SECTION 3: COMPOSITION / COMPONENTS INFORMATION

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 should protect himself not to inhale this dust. Components:

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## SECTION 3: COMPOSITION / COMPONENTS INFORMATION

Ingredient	CAS Number (Chemical Abstracts Service)	Percentage
Gypsum or Calcium sulfate dihydrate	13379-24-5/10101-41-4	>85
Crystalline Silica	14808-60-7	>10
Additives	CCI	<5

Abbreviations: CCI, Commercial and Confidential Information

## SECTION 4: FIRST AID MEASURES

The finished product itself does not represent a health hazard. Gypsum dust may be generated during installation and may cause minor irritation if proper protective equipment is not used. The procedures described below refer to these cases.

### 4.1 First aid procedures:

- 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.
- Skin irritation: wash with pH neutral soap or mild detergent with plenty of water. If irritation persists or rash exists consult a physician.
- Ingestion: do not induce vomiting. If the person is conscious give plenty of water to drink. Seek medical attention or contact an emergency room immediately.
- Inhalation: remove person to fresh air. Seek medical attention if discomfort does not disappear.
- Other hazards: NA

### 4.2 Information for the physician:

Treatment should correspond to the symptom control and clinical condition of the affected person.

## SECTION 5: FIRE PROTECTION MEASURES

The product is non-flammable and non-combustible. The measures listed below are applicable to fire conditions at the site where it is stored or installed.

5.1 Suitable extinguishing media: water, water fog, or extinguishing media suitable for the surrounding fire.

5.2 Specific hazards of hazardous chemicals or mixtures: not applicable.

5.3 Special measures to be followed by fire-fighting teams: use of appropriate personal protective equipment. Gypsum board does not possess or represent any fire hazard.

## SECTION 6: MEASURES TO BE TAKEN IN THE EVENT OF AN ACCIDENTAL SPILL OR LEAKAGE

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

6.1 Use of personal protective equipment during handling or change of location: See Section 7.

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## SECTION 6: MEASURES TO BE TAKEN IN THE EVENT OF AN ACCIDENTAL SPILL OR LEAKAGE

- In case of manual board carrying, do it between two people and use a girdle to avoid injuries. Follow Handling and Storage recommendations published in the product data sheet.
- When boards fall to the floor, if they haven't been contaminated by external agents, can be reused.
- No special precautions or cleaning measures are required.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions to be taken to ensure safe handling

- a) Use personal protective equipment: hard hat, gloves, safety glasses, safety vest, safety boots, and NIOSH respirator.
- b) Keep the storage space ventilated to eliminate dust concentrations.
- c) Do not stack more than 60 pieces in a pallet, elevate from floor level with transverse raisers no more than 2 ft apart, do not stack more than 5 pallets one on top of the other.
- d) Transport the plates with forklifts or similar equipment capable of sorting and lifting loads. Forks should be long enough to extend completely across the pallet width.
- e) Remove any construction material suspected of holding moisture or humidity that may affect or modify the product resistance and strength characteristics.
- f) Handle on site in accordance with the construction site's own safety measures.
- g) Observe good safety and hygiene practices: do not smoke, eat or drink during handling.

### 7.2 Safe storage conditions, including any compatibility

- a) Store in a covered, cool and dry place protected from the weather.
- b) Eliminate any accumulation of water or steam that could affect the product structure and stability.
- c) Store away from heat sources, mixing preparation areas, or any element that may affect the product physical and mechanical properties.
- d) Store the boards horizontally on supports at 61 cm. (2 ft.) even if this causes a risk of tripping. If they are stacked vertically supported on the long edge, leave 10 cm. (4 in.) distance towards the wall and no more than 15 cm. (6 in.) to reduce the risk of falling boards, avoid excess material loaded on the wall. Do not support on short edge.
- e) Minimize dust generation and accumulation, use wet methods if necessary.
- f) Observe the indications of the technical data sheet of the product.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters: maintain dust exposure limit value below 0.025 mg/m<sup>3</sup>(R). VLE-PPT under normal TPN conditions for 8 hours per day, 40 hours per week. <sup>1</sup>.

### 8.2 Appropriate technical controls

- a) Provide sufficient ventilation to control airborne dust levels during handling and installation.
- b) If user operations generate airborne dust, provide ventilation to keep dust concentrations below permissible exposure limits.
- c) Where ventilation is inadequate use other engineering controls to keep dust levels below permissible limits.

<sup>1</sup> Ref. NOM-010-STPS-2014, Appendix I.

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## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.3 Personal protection measures

- Eye protection: wear safety glasses to avoid direct exposure to dust.
- Skin protection: wear gloves and protective clothing to avoid repeated or prolonged contact.
- Respiratory protection: wear NIOSH/MSHA respiratory mask.
- General hygiene conditions: Observe personal hygiene measures during the product use and handling, such as washing hands after handling the product and before eating, drinking or smoking; frequently wash clothing and equipment used during the product use and handling to remove skin irritating particles.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance: solid gray smooth surface board with whitish core	9.2 Odor: low, odorless
9.3 Odor ubral: ND	9.4 Hydrogen Potential (pH): Neutral
9.5 Melting / Freezing point °C (°F): NA / NA	9.6 Punto inicial e intervalo de ebullición °C (°F): NA
9.7 Flash point °C (°F): NA	9.8 Evaporation rate: NA
9.9 Flammability (solid/gas): NA	9.10 Upper/lower flammability or explosion limit: NA
9.11 Vapor pressure: NA	9.12 Vapor density: NA
9.13 Density: 782,61 kg/m <sup>3</sup> (48,86 lb/ft <sup>3</sup> )	9.14 Solubility (in water): ND
9.15 Partition coefficient n-octanol / water: NA	9.16 Spontaneous ignition temperature: ND
9.17 Decomposition temperature: NA	9.18 Viscosity: NA
9.19 Molecular weight: information not available	9.20 Other relevant data:

Abbreviations: ND, Not Determined; NA, Not Applicable

## SECTION 10: ESTABILY AND REACTIVITY

10.1 Reactivity: none known	10.2 Chemical stability: stable. Avoid contact with incompatible materials
10.3 Possibility of dangerous reactions: none known	10.4 Conditions to be avoided: avoid dispersion of dust on the site.
10.5 Incompatible materials: strong oxidizers, strong acids, diazomethane, ammonium salts, aluminum and fluorine.	10.6 Hazardous decomposition products: above 825°C can generate sulfur oxide and calcium oxide fume.

## SECTION 11: TOXICOLOGICAL INFORMATION

The finished product is non-toxic and non-hazardous. During installation it generates gypsum and crystalline silica dust from which the user should protect himself with appropriate equipment.

### 11.1 Information on probable routes of entry

- Inhalation of dust: susceptible to produce silicosis or pneumoconiosis leading to cancer.
- Skin exposure to dust: superficial irritation.
- Eye contact with dust: eye irritation.

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## SECTION 11: TOXICOLOGICAL INFORMATION

11.2 Symptoms related to physical, chemical and toxicological features: low exposure to dust without PPE causes skin, eye and respiratory tract irritation. Prolonged exposure to dust without PPE may cause point 11.1 effects.

11.3 Immediate and delayed effects, as well as chronic effects due to exposure: see section 3

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

11.5 Interactive effects: not determined

11.6 When specific chemical data are not available:

11.7 Mixtures: see section 3

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

11.9 Otra información: None

## SECTION 12: ECOTOXICOLOGICAL INFORMATION

12.1 Toxicity: The product has no adverse ecological effects.

12.2 Persistence and degradability: information not available

12.3 Bioaccumulative potential: information not available

12.4 Mobility in soil: information not available

12.5 Other adverse effects: none known

## SECTION 13: INFORMATION RELATED TO PRODUCTS DISPOSAL

Waste is transported to construction waste or debris landfills authorized by local regulations.

## SECTION 14: TRANSPORT INFORMATION

14.1 ONU Number: Not Applicable	14.2 United Nations Transport Designation: Not Applicable
14.3 Types of hazards during transport: None	14.4 Packing group: Not Applicable
14.5 Environmental risks: Not Applicable	14.6 Special precautions for the user: None
14.7 Bulk transport under MARPOL 73/78 Annex II and the IBC Code: Not Applicable	

## SECTION 15: REGULATORY INFORMATION

Specific safety, health and environmental provisions for the hazardous chemicals or mixture in question: Not Applicable



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

The information is believed to be correct, but is not exhaustive and is to be used only as guidance, which is based on current knowledge of the product and is applicable to the appropriate safety precautions for the product.

The information and the order in which it is presented is in accordance with the requirements of the applicable NOM standard in force.