



SAFETY DATA SHEETS

Product Name: Penns Construction II

Rev. 04
DATE: mayo 2023

SECTION I. IDENTIFICATION OF THE HAZARDOUS CHEMICAL SUBSTANCE OR MIXTURE AND OF THE SUPPLIER OR MANUFACTURER.

Product Name: Penns Construction II.

Other means of identification: Silicone sealant.

Recommended use of the product: It is used for seals in bone joints, in structural glazing, in planar, integral facades and for weathering in grouting.

Restrictions on Use: The sealant should not be used as a structural sealant, nor in applications that will be painted and applications subject to continuous immersion.

Supplier or manufacturer data: Productos Pennsylvania S.A. de C.V.

Address: Camino a San José No. 1, Fracc. San Pablo Tecnológico, Querétaro, Qro. CP 76150

Emergency telephone: (442) 217 3232, (442) 217 3839

SECTION II. HAZARDS IDENTIFICATION.

This product is classified in accordance with NOM- 018-STPS-2015 Globally Harmonized System of classification and Labeling of chemicals (GHS).

Elements of signage, including precautionary advice and caution pictograms.

Physical hazards: ND.

Health hazards:

H303 May be harmful if swallowed.

H313 May be harmful in contact with skin.

H320 Causes eye irritation.

H333 May be harmful if inhaled.

Signal word: ATTENTION.

Pictograms:

It does not apply, since the risks are minimal and tables A.2.2 and A.2.3 of Appendix A of NOM-018-stps-2015 do not consider identification with pictograms.

Precautionary statements:

Keep out of the reach of children.

P301+P312 If swallowed, call a poison control center or doctor if the person feels unwell P304+P340 If inhaled, remove the person to fresh air and keep them in a position where breathing is easy.



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P305+P351+P338 In case of contact with eyes: Rinse carefully with water for several minutes. Remove contact lenses when present and can be done easily. Continue with washing.

P302+P352 In case of contact with the skin, wash with plenty of water 3) Other dangers: This is a mixture with a low flammability risk, so no pictogram applies.

SECTION III. COMPOSITION/INFORMATION ON INGREDIENTS.

Chemical identity of the substance: Mixtures.

Component	CAS No.	UN No.	%
3- Aminopropil (propil) silsesquioxano, etoxi-terminal	128446-60-	ND	3-15
Morpholinyl methyltriethoxysilane	21743-27-1	ND	3-15
Non-aromatic hydrocarbon mixture	64742-46-7	ND	10-25
Rest of the formula confidential	617-5	ND	Variable.

SECTION IV. FIRST AID MEASURES.

First aid descriptions:

Inhalation: Under normal circumstances, the product should not be inhaled. It is not required

Skin Contact: In case of skin contact, remove material immediately. Wash with water and neutral soap.

Ingestion: If swallowed, do not induce vomiting. Give plenty of water to drink in small sips. See a doctor immediately.

Eye contact: Wash immediately with plenty of water for 15 minutes. Receive medical attention.

Antidote (if available) or information for the emergency doctor: NA.

Other existing health risks: In case of irritation or other symptoms, seek medical attention. Before going to the doctor, remove contaminated clothing. Carry the safety data sheet.



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SECTION V. FIRE-FIGHTING MEASURES.

Suitable extinguishing media: Water spray, Foam, carbon dioxide (CO₂), ABC dry powder.

Personal protective equipment for firefighting: Use self-contained breathing apparatus and a full protective suit in case of fire.

Procedure and special precautions during firefighting: Direct the extinguishing agent at the base of the fire at an initial distance of 3 m, following the procedures.

Products of combustion that are harmful to health: Acetic acid.

Conditions leading to other special hazard: Hazardous decomposition products: carbon dioxide, carbon monoxide, silicon dioxide, formaldehyde and incomplete.

SECTION VI. MEASURES TO BE TAKEN IN CASE OF ACCIDENTAL SPILL OR ACCIDENTAL RELEASE.

Special procedures and precautions required in cases of leaks or spills: This product does not have a risk of leak or spill. If the material is spilled there is a danger of slipping. Do not pass through spilled material. In the event of a small spill, clean up immediately with mechanical equipment before the material cures. It will be made available to Federal, State and Local regulations and/or laws.

Environmental precautions: Uncontrolled discharges to soil or water could have adverse ecological effects, necessary measures must be taken to avoid discharges to the environment, any spill must be contained and cleaned up immediately before the material cures.

6.2 Mitigation methods to control the substance: To prevent sticking, sprinkle the surface with sand or podzol and remove the material mechanically. Collect or scrape up the spilled material and place it in a special container for chemical waste. Remove any residual sediment that may come loose with a cleaning/soap product or other biodegradable cleaning product. To improve workability, add sand or other inert and granular material.

SECTION VII. HANDLING AND STORAGE.

Precautions for safe handling: This product may release ethanol. Ensure its use in well-ventilated areas, since vapors can form mixtures with air susceptible to ignition sources. Keep away from sources of ignition. No Smoking.

Conditions for safe storage, including any incompatibility: Store in a cool, dry place.
Protect from humidity. Store the container in a well-ventilated place.

SECTION VIII. EXPOSURE CONTROLS/PERSONAL PROTECTIVE EQUIPMENT.

Control parameters: None.

Nombre del agente	No CAS	Identificado	Cantidad	Medida	Fuente
Etanol	64-17-5	VLE PPT	1000	ppm	NOM-010-STPS

The product hydrolyzes to form ethanol (CAS No. 64).

Appropriate technical controls: None.

Personal protection equipment: Suggested.



SECTION IX. PHYSICO-CHEMICAL PROPERTIES.

Physical state: Paste.

Color: Various.

Smell: characteristic.

Boiling temperature: ND.

Melting temperature: ND.

Flash point: ND.

Auto-ignition temperature: <400°C

Density: 1.01 g/cm³

Molecular weight: Not determined.

pH: Not determined.

Evaporation rate: Not determined.

Solubility in water: Insoluble.

Vapor pressure: Not determined.

Volatility %: ND.

Flammability limits

Sup: ND.

Inf: Not determined.

VOC (g/L): >31



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SECTION X. STABILITY AND REACTIVITY.

Reactivity: Not determined.

Chemical stability: The product is considered stable.

Possibility of hazardous reactions: None under normal conditions of use.

Conditions to avoid: Humidity, heat, open flames and other sources of ignition.

Incompatible materials: Reacts with: water, basic substances and acids.

Decomposition products: In contact with water or humidity, a reaction occurs with the formation of ethanol.

Spontaneous polymerization: Can not happen.

SECTION XI. TOXICOLOGICAL INFORMATION.

Information on probable entry routes: NA.

Symptoms related to physical, chemical and toxicological characteristics: NA.

Immediate and delayed effects, as well as chronic effects produced by short- or long-term exposure: NA.

Acute toxicity: None.

Interactive Effects: ND.

Other information: None.

SECTION XII. ECOTOXICOLOGICAL INFORMATION.

Toxicity: For this hazard parameter, no toxicological test data is available for the entire product.

Persistence and degradability: Silicone part: Not biodegradable. Separation by sedimentation.

Bioaccumulative potential: Polymer component: Bioaccumulation unlikely.

Mobility in soil: Polymer component: Insoluble in water.

Other adverse effects: None.

SECTION XIII. INFORMATION ON THE DISPOSAL OF THE PRODUCTS.

Material that cannot be used, recovered or recycled must be disposed of at an authorized facility in accordance with national, state and local regulations. Depending on regulations, waste treatment methods may include, for example, landfilling or incineration.



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SECTION XIV. TRANSPORT INFORMATION.

It is not a dangerous material.

Matters relating to transportation by general land communication routes and their related auxiliary services, in relation to the Regulation for the Land Transportation of Hazardous Materials and Waste, of the Ministry of Communications and Transportation.

1. UN Number:	ND
2. UN proper shipping name:	ND
3. Transport hazard class:	ND
4. Packing group:	ND
5. Environmental hazards:	ND
6. Special precautions for user:	ND
7. Measures for bulk transport:	ND

SECTION XV. REGULATORY INFORMATION.

None additional.

SECTION XVI. OTHER RELEVANT INFORMATION.

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

These data are provided in good faith, as typical values and not as product specifications. The recommended handling procedures are intended to be of general application. However, the user must consider these recommendations in the specific context of the use they wish to give to the product.