



Material safety data sheet (MSDS)

Name of the hazardous chemical or mixture: Pens PVC

Rev. 6

Fecha: MAYO 2023

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

Name of the hazardous chemical or mixture: Pens PVC.

Other means of identification: Silicone sealant.

Recommended Use of the producto: This product is used to make interior and exterior seals (see technical sheet).

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.

Name of the manufacturer or distributor: Productos Pennsylvania S.A. de C.V.

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

Emergency telephone: (442) 217 3232, (442) 217 3839, Setiq (800) 00 24 00, www.pennsylvania.com.mx.

SECTION II. HAZARDS IDENTIFICATION.

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

Elements of signage, including precautionary statements and caution pictograms.

Signal word: ATTENTION.

Pictograms:

Not applicable, 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.

Health hazards:

H303 May be harmful if swallowed.

H313 May be harmful in contact with skin.

P304+P340 If inhaled, remove person to fresh air and keep in a position where breathing is easy.

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 skin, wash with plenty of water.

Precautionary statements:

P102 Keep out of the reach of children.

P301+P312 If swallowed, call a poison control center or doctor if the person feels unwell.

Other hazards:

This is a mixture with a low flammability risk, so no pictogram applies.



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SECTION III. COMPOSITION / INFORMATION ON INGREDIENTS.

Chemical identity of the substance:

Component	CAS No.	UN No.	%
3- Aminopropil (propil) silsesquioxano,etoxi-terminal.	128446-60- 6	ND.	3-15
Morpholinyl methyltriethoxysilane.	21743-27-1	ND.	3-15
Hydrocarbon mixture aromatic.	64742-46-7	ND.	10-25
Rest of the formula considered confidential.	617-5	ND.	Variable

SECTION IV. FIRST AID MEASURES.

First aid description:

Inhalation: Under normal circumstances, the product should not be inhaled. No special treatment is required.

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

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

Eye Contact: Wash with plenty of water for 15 minutes, seek 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. Take the safety data sheet with you when you go to the doctor.

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 internal procedures of the fire brigade.

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 incompletely burned hydrocarbons.



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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.

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 be released 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 to be taken 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:

Agent Name	CAS No.	Ident.	Qty	Measure	Source
Ethanol	64-17-5	ND.	1000	ppm	NOM-010-STPS

Appropriate technical controls: None.

Personal protective equipment: Suggested.





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SECTION IX. PHYSICO-CHEMICAL PROPERTIES.

Physical state: Paste.

Color: Various.

Odor: Characteristic.

Boiling temperature: NA.

Melting temperature: Undetermined.

Ignition temperature: NA.

Autoignition temperature: >400°C.

Density: 1.01 g/cm³.

Molecular weight: ND.

pH: ND.

Evaporation rate: ND.

Solubility in water: Insoluble.

Vapor pressure: ND.

% Volatility: ND.

Flammable limits:

Sup: ND.

Inf: ND.

VOC (g/L): < 31

SECTION X. STABILITY AND REACTIVITY DATA.

The product is considered: Stable.

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

Spontaneous polymerization: Can not happen.

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

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

SECTION XI. TOXICOLOGICAL INFORMATION.

Information on probable routes of entry: Harmful in contact with skin or if inhaled.

Symptoms related to physical, chemical and toxicological characteristics: Headache, dizziness and difficulty breathing.

Immediate and delayed effects, as well as chronic effects produced by short or long-term exposure: May cause skin irritation.

Acute toxicity: None.



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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.

Bioaccumulation potential: Polymer component: Bioaccumulation unlikely.

Mobility on 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.

SECTION XIV. TRANSPORT INFORMATION.

It is not a hazardous 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 applied to each country.

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

SECTION XV. REGULATORY INFORMATION.

None additional.



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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 procedures in the specific context of the use you wish to give the product.