



Material safety data sheet (MSDS)

Rev. 6
Fecha: MAYO 2023

Name of the hazardous chemical or mixture: Pens silicone 100% multipurpose

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

Name of the hazardous chemical or mixture: Pens silicone 100% multipurpose.

Other means of identification: Silicone.

Recommended Use of the product: Sealing glass, aluminum, ceramic and copper (see data sheet).

Use Restrictions: Not used on porous surfaces and floor boards.

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).

Classification of hazardous chemicals.

Physical hazards: Any.

Health Hazards: H316 Causes mild skin irritation.

Warning Word: N/A.

Precautionary statements:

P102 Keep out of reach of children.

P202 Do not handle until all safety precautions have been read and understood.

P271 Use only outdoors or in a well-ventilated area.

Other dangers: N/A.

SECTION III. COMPOSITION / INFORMATION ON INGREDIENTS.

Chemical identity of the substance:

Component	CAS No.	UN No.	%
Silicone elastomer	ND	ND	90 - 100



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SECTION IV. FIRST AID MEASURES.

First aid description:

Inhalation: Take the person outdoors, and keep him comfortable for breathing. Get medical attention.

On skin contact: Wash off with plenty of water. If symptoms persist, consult a doctor.

On ingestion: Rinse mouth with water. Not emergency medical treatment is required.

Eye contact: Wash off cautiously with water for several minutes. If secondary effects appear, consult a specialist doctor.

Antidote (if any) or information for the emergency physician: There is no specific antidote. Treatment of exposure will be directed to the control of the patient's symptoms and clinical conditions. Skin contact can aggravate a pre-existing dermatitis.

Other existing health risks: undetermined.

SECTION V. FIRE-FIGHTING MEASURES.

Extinguishing Media: Foam, carbon dioxide (CO₂), ABC dry powder.

Personal protective equipment for fire fighting: Use a self-contained respirator equipment and full protective suit in case of fire.

Procedures and special precautions during fire fighting: Fight fire with any of the extinguishing agents are mentioned, always directing the jet at the base of the fire at an initial distance of 3 meters.

Conditions that lead to another special risk: Take into account the hazards of the other equipment or materials involved. Remnants of the fire and contaminated extinguishing water must be disposed of according to local regulations. Use extinction measures that are appropriate to the circumstances of the premises and its surroundings. Remove containers that are not in danger outside the fire area if it can be done safely.

Combustion products which are harmful to health: Carbon dioxide (CO₂), Silica (SiO₂).

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

The procedures and precautions required for cases of leaks or spills: This product has no risk of leakage or spillage. The waste will be disposed of according to Federal, State and/or Local regulations and/or laws.

The mitigation methods for controlling the substance: In case of a small spill, clean immediately with mechanical equipment before the material heals. For spills of large quantities, arrange a drainage method or other appropriate containment method to prevent the material from dispersing. If the contained material can be pumped, deposit the recovered material in an appropriate container. It will be made available to Federal, State and Local rules and/or laws.

Environmental precautions: Any spills should be contained and cleaned up immediately before the material is cured.

SECTION VII. HANDLING AND STORAGE.

Conditions for safe handling:

Local and jobs should preferably have good ventilation. Keep away from incompatible substances. Keep away from sources of ignition. It is recommended not to smoke.

Conditions for safe storage: Do not pack or stored in with the following types of products: Strong oxidizing agents.

SECTION VIII. EXPOSURE CONTROLS / PERSONAL PROTECTIVE EQUIPMENT.

Control parameters.: Any.

Adequate technical controls: In the event that there are no applicable required exposure limits or guidelines, general ventilation should be sufficient for most operations. Local ventilation may be required in some operations.

Personal protective equipment: Suggested.



SECTION IX. PHYSICO-CHEMICAL PROPERTIES.

Form: Creamy paste.

Color: Various.

Odor: Acetic.

Boiling point: NA.

Melting temperature: NA.

Ignition temperature: NA.

Autoignition temperature: 100 °C.

Decomposition temperature: NA.

Molecular weight: NA.

pH: NA.

Evaporation rate: NA.

Water solubility: Any.

Vapor pressure: NA.

Volatile: NA.

Viscosity: NA.

Flammability limits: NA.

Density vap: NA.

VOC (g/L): < 19

Density: 1.007 g/cm³



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SECTION X. STABILITY AND REACTIVITY DATA.

The product is considered: Stable.

Incompatibility (substances to avoid): It may react with strong oxidizing agents.

Hazardous decomposition products: They may include, but are not limited to: Formaldehyde.

Spontaneous Polymerization: It can happen.

Other conditions to avoid in order to avoid reactions:

If heated to temperatures above 150 °C (300 °F) in the presence of air, it can release formaldehyde.

SECTION XI. TOXICOLOGICAL INFORMATION.

Likely routes of entry: Ocular, cutaneous.

Symptoms: Irritation.

Short- and long-term: Probable skin irritation and eye.

Acute toxicity: Very low oral toxicity.

Interactive effects: Undetermined.

Other information: Any.

SECTION XII. ECOTOXICOLOGICAL INFORMATION.

Toxicity: No harmful effects expected in aqueous organisms. According to the experience of its use to date not suspected negative effects of waste.

Persistence and degradability

Silicone Part: Not biodegradable: The hydrolysis product (acetic acid), it is easy to decompose biologically.

Potential for bioaccumulation: Unlikely bioaccumulation.

Mobility in soil: Polymer component: Insoluble in water.

Other side effects:

None documented.

SECTION XIII. INFORMATION ON THE DISPOSAL OF THE PRODUCTS.

This product once cured does not pose a risk and can be discarded as urban solids.

It's recommended to check if any special handling is indicated in local legislation.

SECTION XIV. TRANSPORT INFORMATION.

It is not a hazardous material.

As regards the general transport routes of land communication and related ancillary services in relation to the Regulation for the Land Transport of Hazardous.

Materials and Waste, the Secretariat of Communications and Transportation.



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1. UN number:	ND.
2. Shipping name UN:	ND.
3. Hazard class in transport:	ND.
4. Group packing:	ND.
5. Environmental risks:	ND.
6. Special precautions for users:	ND.
7. Measures for bulk transport:	No especific.

SECTION XV. REGULATORY INFORMATION.

None additional.

SECTION XVI. OTHER RELEVANT INFORMATION.

Information deemed correct but is not exhaustive and will be used only as a guide, which is based on the present state of knowledge and is applicable to the same appropriate safety precautions.

The present data are provided in good faith as typical values and not as product specifications. The recommended for handling procedures are believed.

generally applicable. However, the user must provide these recommendations in the specific context of use you want to give the product.