



# Material safety data sheet (MSDS)

Name of the hazardous chemical or mixture: RTV 100 Pens

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:** RTV 100 Pens.

**Other means of identification:** Silicone sealant.

**Recommended Use of the product:** This product is used for application in the automotive sector.

**Use Restrictions:** The sealant should not be applied in completely closed areas (since it requires relative humidity for its vulcanization).

**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](http://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 dangerous chemicals:** Flammable liquids category 3.

**Sign elements, including precautionary statements and precautionary pictograms:**

**Health hazards:**

This product is not hazardous according to the Globally Harmonized System of Classification and Labeling (GHS).

**Physical Hazards:**

This product is not hazardous according to the Globally Harmonized Classification and Labeling System (GHS).

**Signal word:** ATTENTION.

**Pictograms:**

This product is not hazardous according to the Globally Harmonized System of Classification and Labeling.

**Hazard statements:** This product is not hazardous according to the Globally Harmonized System of Classification and Labeling (GHS).

**Precautionary statements:**

P102 Keep out of reach of children.

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

P502 Dispose of contents/container.

**Other dangers:** NA.

## SECTION III. COMPOSITION / INFORMATION ON INGREDIENTS.

**Chemical identity of the substance:** Silicone elastomer.

Component	CAS No.	UN No.	%
Aluminum	7429-90-5	ND	< 1.575



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### SECTION IV. FIRST AID MEASURES.

**First aid description:**

**Inhalation:** Move person to fresh air. If effects occur, consult a doctor.

**Ingestion:** If swallowed, do not induce vomiting. Does not require emergency medical treatment. If effects occur, consult a doctor.

**Skin Contact:** Remove immediately from skin. Wash the area with plenty of water.

**Eye contact:** Wash with plenty of water for several minutes. If discomfort persists, contact an ophthalmologist.

**Antidote (if available) or information for the emergency physician:** There is no specific antidote. Exposure treatment will be directed at symptom control and the patient's clinical conditions.

**Other existing health risks:** ND.

### SECTION V. FIRE-FIGHTING MEASURES.

**Suitable extinguishing media:** water spray, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>), ABC dry powder.

**Personal protective equipment for firefighting:** Full protective clothing, including closed-circulation breathing apparatus.

**Procedure and special precautions during firefighting:** Downwind, directing the extinguishing agent at the base of the fire and following internal fire brigade procedures.

**Combustion products that are harmful to health:** Carbon oxides, silica and metal oxides.

**Conditions leading to another special hazard:** Use extinguishing measures that are appropriate to the circumstances of the premises and its surroundings. Sprayed water can be used to cool closed containers. Remove non-hazardous containers from fire area if it can be done safely. Evacuate the area.

### 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. Waste will be disposed of in accordance with Federal, State and/or Local regulations and/or laws. In the event of a small spill, clean up immediately with mechanical equipment before the material cures. If the residue dries, you can remove it with the help of a spatula.

**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:** Use absorbent materials and collect mechanically. It will be made available to Federal, State and Local regulations and/or laws.

## SECTION VII. HANDLING AND STORAGE.

**Precautions to be taken for safe handling:** Store in a cool, dry place. Use in a ventilated place in the work area.

**Conditions for safe storage, including any incompatibility:** Do not store near strong oxidizing agents. Protect from humidity. Keep the container tightly closed in a cool, well-ventilated place.

## SECTION VIII. EXPOSURE CONTROLS / PERSONAL PROTECTIVE EQUIPMENT.

**Control parameters:**

Name of agent.	CAS No.	Identifier	Qty	Measure	Source
Aluminum	7429-90-5	ND	1	mg/ m3	NOM-010-STPS

**Appropriate technical controls:** None.

**Personal protective equipment:** Suggested.



## SECTION IX. PHYSICO-CHEMICAL PROPERTIES.

**Physical state:** Paste.

**Color:** Various.

**Odor:** Acetic.

**Boiling temperature:** ND.

**Melting temperature:** ND.

**Ignition temperature:** NA.

**Autoignition temperature:** NA.

**Density:** 1.007 g/cm<sup>3</sup>.

**Molecular weight:** ND.

**pH:** NA.

**Evaporation rate:** ND.

**Solubility in water:** Insoluble.

**Vapor pressure:** ND.

**% volatility:** ND.

**Flammable limits:** ND.

**Sup:** ND.



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Inf: ND.

VOC (g/L): ND.

### SECTION X. STABILITY AND REACTIVITY DATA.

**The product is considered:** Stable.

**Incompatible materials:** Oxidizing agents.

**Spontaneous polymerization:** Can not happen.

**Conditions to Avoid:** Humidity.

**Hazardous Decomposition Products:** If hydrolyzed: acetic acid. Measurements have shown that from approx. 150°C small amounts of formaldehyde and hydrogen are released due to oxidation.

### SECTION XI. TOXICOLOGICAL INFORMATION.

**Information on probable routes of entry:** Oral, cutaneous and inhalation.

**Symptoms related to physical, chemical and toxicological characteristics:** Irritation.

**Immediate and delayed effects, as well as chronic effects from short- or long-term exposure:** Probable mild skin and eye irritation.

**Acute toxicity:** No harmful effects are expected from ingestion of small amounts.

**Interactive effects:** ND.

**Other information:** None.

### SECTION XII. ECOTOXICOLOGICAL INFORMATION.

**Toxicity:** Acute toxicity to fish NOEC, Salmo trutta (common trout), 96 h, > 80 µg/l, OECD Test Guideline 203 Acute toxicity to aquatic invertebrates NOEC, Daphnia magna (Water flea), 48 h, > 0.135 mg/l, OECD TG 202.

**Persistence and degradability:** Silicone part: Not biodegradable: The hydrolysis product (acetic acid) is easy to decompose.

**Bioaccumulative potential:** Bioaccumulation unlikely.

**Mobility on soil:** Polymer component: Insoluble in water.

**Other side effects:** ND.

### SECTION XIII. INFORMATION ON THE DISPOSAL OF THE PRODUCTS.

**Product disposal:**

Should be in accordance with federal, state and local regulations.



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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 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.

### 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.