

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

Name of the hazardous chemical or mixture: Duretán SL.

Other means of identification: Polyurethane sealant.

Recommended Use of the product: This product is used to make interior and exterior seals (see technical sheet)
Restrictions on use: It 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

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.

Physical Hazards:

H228 Flammable solid.

Signal word: DANGER.

Section pictograms:



Health hazards:

H316 Causes mild skin irritation.

H320 Causes eye irritation.

H335 May cause respiratory irritation: Specific target organ toxicity (single exposure); respiratory tract irritation.

H351: Suspected of causing cancer.

Precautionary statements:

P101 If you need to consult a doctor: have the product container or label at hand.

P102 Keep out of reach of children.

P270 Do not eat, drink or smoke while handling this product.

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



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P332+P313 In case of skin irritation, consult a doctor.

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.

P410+P403 Protect from sunlight. Store in a well ventilated place.

P501 Dispose of contents/container to local, state and federal regulations.

Danger indications:

H316 Causes mild skin irritation.

H320 Causes eye irritation.

H335 May cause respiratory irritation: Specific target organ toxicity (single exposure); respiratory tract irritation.

H351: Suspected of causing cancer.

Other hazards: NA.

SECTION III. COMPOSITION / INFORMATION ON INGREDIENTS.

Chemical identity of the substance: Polydimethylsiloxane and acetoxysilane filler and auxiliary and crosslinking agents.

Component	CAS No.	UN No.	%
Prepolymer.	ND.	ND.	25 - 40
Xylene.	1330-20-7 1307	ND.	4 - 7
Mineral fillers.	ND.	ND.	30 - 50
The rest of the information is considered confidential.	ND.	ND.	1 - 3

SECTION IV. FIRST AID MEASURES.

First aid descriptions:

Inhalation: In case of discomfort, move person to a ventilated area with fresh air. If symptoms persist, call a doctor.

Skin Contact: Rinse immediately with plenty of soap and water. If irritation occurs or discomfort persists, consult your doctor.

Ingestion: Do not induce vomiting, keep the person on their side, consult your doctor, taking this safety data sheet or the original container with you.

Eye Contact: Wash with plenty of water for 15 minutes. If discomfort persists, consult your doctor.

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

Other existing health risks: ND.



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SECTION V. FIRE-FIGHTING MEASURES.

Suitable extinguishing media: 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.

Combustion products which are harmful to health: Carbon dioxide (CO₂), carbon monoxide (CO), toxic vapors and fumes.

Conditions leading to other special risk: Do not eat, drink or smoke while handling this product. Take into account the dangers of other equipment or materials involved.

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. In case of a small spill, clean up immediately with mechanical equipment before the material cures. They will be made available to Federal, State and/or 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: In accordance with Federal, State and/or Local provisions or laws.

SECTION VII. HANDLING AND STORAGE.

Precautions to be taken for safe handling: Store in a cool, dry and ventilated place in the workplace.

Conditions for safe storage, including any incompatibility: Recommended packaging type: Plastic or cardboard cartridge with aluminum foil and plastic or foil pails with phenolic coating. Do not package or store in: Foil containers without phenolic coating and near strong bases. At temperatures below 4°C and above 45°C.

SECTION VIII. EXPOSURE CONTROLS / PERSONAL PROTECTIVE EQUIPMENT.

Control parameters: None.

Appropriate technical controls: None.



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Personal protective equipment: Suggested.



SECTION IX. PHYSICO-CHEMICAL PROPERTIES.

Physical state: Paste (Gel type).

Color: Various.

Odor: Light xylol.

Boiling temperature: ND.

Melting temperature: ND.

Ignition temperature: ND.

Autoignition temperature: ND.

Density at 20°C: 1.18 – 1.20 g/cm³.

Molecular weight: ND.

pH: ND.

Evaporation rate: ND.

Solubility in water: None.

Vapor pressure: ND.

% Volatility: 1

Flammable limits:

Sup: ND.

Inf: ND.

VOC (g/L): 71.95

SECTION X. STABILITY AND REACTIVITY DATA.

The product is considered: Stable.

Incompatible materials: Chemically reactive with: Water, amines, strong bases.

Spontaneous polymerization: It polymerizes, forming a material like rubber without releasing vapors or heat.

Conditions to Avoid: Do not store in high humid places.

Hazardous decomposition products: Carbon dioxide (CO₂), Carbon monoxide (CO).



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SECTION XI. TOXICOLOGICAL INFORMATION.

Information on probable routes of entry: Inhalation, ocular, skin.

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: Probable mild skin irritation.

Acute toxicity: None.

Interactive Effects: ND.

Other information: ND.

SECTION XII. ECOTOXICOLOGICAL INFORMATION.

Toxicity: ND.

Persistence and degradability: ND.

Bioaccumulation potential: ND.

Mobility on soil: ND.

Other adverse effects: None.

SECTION XIII. INFORMATION ON THE DISPOSAL OF THE PRODUCTS.

This product, once cured, does not represent a risk and can be disposed of as urban solids.

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

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.

1. UN number:	ND.
2. 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.



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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 specific. The user must consider these recommendations in the specific context of the use they wish to give to the product.