

Name of the hazardous chemical or mixture: Pens foam 360° Multiposition

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

Name of the hazardous chemical or mixture: Pens foam 360° Multiposition.

Other means of identification: Polyurethane foam sealant.

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

Use Restrictions: Do not place in hot water or near heating radiators, stoves or other heat sources or above 49°C.

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: H222-H229 Extremely flammable aerosol.

Pressure container: may burst if heated.

Health Hazards:

H332 Harmful if inhaled.

H315 May cause skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled H351 Suspected of causing cancer.

H335 May cause respiratory irritation.

H373 Causes damage to organs through prolonged or repeated exposure.

Warning Word: DANGER.

Pictogram section:





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Danger indications:

H332 Harmful if inhaled.

H315 May cause skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H351 Suspected of causing cancer.

H335 May cause respiratory irritation.

H373 Causes damage to organs through prolonged or repeated exposure.

Precautionary statements:

P101 If medical advice is needed, have container/label at hand.

P102 Keep out of reach of children.

P103 Read the label before use.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No Smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

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

P280 Wear protective gloves/protective clothing/goggles/mask.

Other hazards: NA.

SECTION III. COMPOSITION / INFORMATION ON INGREDIENTS.

Chemical identity of the substance: Transparent mixture.

Component	CAS No.	UN No.	%
Diphenylmethane diisocyanate, isomers and honologues.	9016-87-9.	ND	25 - 50
Tris (2-chlorisopropyl) Dimethyl.	13674-84-5	ND	5 - 20
Ether Phosphate	115-10-6	ND	2.5 - 10
Isobutano	75-28-5	ND	2.5 - 10
Propane	74-98-6	ND	2.5 - 10



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SECTION IV. FIRST AID MEASURES.

First aid description:

Inhalation: Provide plenty of fresh air and, for safety, consult a doctor.

Fainted people should be laid down and carried on their side with sufficient stability.

Skin Contact: Wash immediately with soap and water and rinse well.

Ingestion: Consult a doctor if symptoms persist.

Eye contact: Flush open eyes for several minutes with running water. In case of persistent disorders, consult a doctor.

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

Other existing health risks: Symptoms of poisoning can occur after many hours, so medical supervision is required for a minimum of 48 hours after the accident.

SECTION V. FIRE-FIGHTING MEASURES.

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide (CO₂), ABC dry powder.

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

Procedure and special precautions during fire fighting: 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 monoxide (CO) and other toxic gases in case of heating or fire.

Conditions leading to other special hazards: Pressure vessel. Protect yourself from sunlight and avoid exposing it to temperatures above 50°C. Do not pierce or burn, even after use. Do not spray towards a flame or an incandescent body. Keep away from any ignition source. No smoking.

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

Special procedures and precautions required in case of leaks or spills: This product does not have a risk of leak or spill. If the material spills, 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.

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.



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Mitigation methods to control the substance: The product before curing is very sticky, so the excess foam is carefully removed with some mechanical element.

SECTION VII. HANDLING AND STORAGE.

Precautions to be taken for safe handling: Ensure good ventilation in the workplace. Keep away from hot surfaces or ignition sources.

Conditions for safe storage, including any incompatibility: Store in a cool place, keep container tightly closed. Protect from heat and direct sunlight.

SECTION VIII. EXPOSURE CONTROLS / PERSONAL PROTECTIVE EQUIPMENT.

Control parameters:

Agent name	No. CAS	Identificad	Qty	Measure	Source
Diphenylmethane diisocyanate, isomers and homologs.	9016-87-9	ND	1000	ppm	NOM-010-STPS.
dimethyl ether	115-10-6	ND	1000	ppm	
Propane	74-98-6	ND	1000	ppm	

Appropriate technical controls: None.

Personal protective equipment: Suggested.



SECTION IX. PHYSICO-CHEMICAL PROPERTIES.

Physical state: Aerosol.

Color: Yellow.

Odor: Characteristic.

Boiling temperature: NA.

Melting temperature: Undetermined.

Ignition Temperature: 235°C.

Autoignition temperature: NA.

Density at 20°C: 0.996 g/cm³.

Explosive properties: ND.



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Molecular weight: ND.

Evaporation rate: Not determined.

Solubility in water: Insoluble.

Vapor pressure at 20°C: 8.3 bar.

% Volatility: ND.

Flammable limits:

Sup: ND.

Inf: ND.

VOC (g/L): 171.06

SECTION X. STABILITY AND REACTIVITY DATA.

The product is considered: Stable.

Incompatible materials: Water or humidity.

Spontaneous polymerization: Can not happen.

Conditions to avoid: Contains isomers, homologs and isocyanates (may react slowly with water and release carbon dioxide).

Hazardous Decomposition Products: CO, CO₂.

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: Causes serious eye irritation.

Acute toxicity: None.

Interactive Effects: ND.

Other information: None.

SECTION XII. ECOTOXICOLOGICAL INFORMATION.

Toxicity: ND.

Persistence and degradability: ND.

Bioaccumulative potential: ND.

Mobility on soil: ND.

Other side effects: Water hazard level 1 (self-classification): slightly dangerous for water. In an undiluted or unneutralized state, do not allow it to infiltrate groundwater, surface water or sewers.



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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.

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:	2.1 GASES.
4. Packing/Packaging group:	AEROSOLS UN1950.
5. Environmental risks:	ND.
6. Special precautions for the 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 procedures in the specific context of the use you wish to give the product.