



Material safety data sheet (MSDS)

Rev. 6

Fecha: MAYO 2023

Name of the hazardous chemical or mixture: Pens anclaje Q70 part B

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

Name of the hazardous chemical or mixture: Pens anclaje Q70 part B.

Other means of identification: Catalyst.

Recommended Use of the product: The mixture of part A plus part B is used as a chemical anchor for solid substrates, it is suitable for overhead installations.

Use Restrictions: Do not use this product after the expiration date.

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).

Signage elements, including precautionary statements and precautionary pictograms:

Physical hazards: NA.

Health hazards:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Signal word: ATTENTION.

Pictograms:



Danger indications:

H228 Flammable solid.

H316 Causes mild skin irritation.

H320 Causes eye irritation.

H335 May cause respiratory irritation.

Precautionary statements:

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

P264 Wash contaminated skin carefully after handling.

P280 Wear gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P332+P313 IF SKIN IRRITATION: Consult a doctor.

P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.



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P403+P235 Store in a well-ventilated place. Keep in a cool place.

P501 Dispose of contents/container in accordance with national regulations.

Other hazards: NA.

SECTION III. COMPOSITION / INFORMATION ON INGREDIENTS.

Chemical identity of the substance: ND.

Mixture identification.	CAS No.	UN No.	%
Dibenzoyl peroxide	94-36-0	ND	10 - 15
Benzoic acid, nonylic ester	670241-72-2	ND	5 - 10
Zinc stearate	557-05-1	ND	1 - 5
Rest of the formula considered secret.	ND	ND	10 - 15

SECTION IV. FIRST AID MEASURES.

First aid description:

Inhalation: Remove affected person immediately to fresh air. Get medical attention if any discomfort continues.

Skin Contact: Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Ingestion: Do not give anything by mouth to an unconscious person. Does not induce vomiting. Rinse your mouth with water.

Special fire fighting procedures: Avoid exposure to fire, fumes or products of combustion. Combustion products that are harmful to health: Carbon oxides. Get medical attention if any discomfort continues.

Eye contact: Rinse immediately with plenty of water. Remove contact lenses and widely space your eyelids. Continue rinsing for at least 15 minutes. Get medical attention if irritation persists after washing. Show this safety data sheet to medical personnel.

Most important symptoms and effects, acute and chronic: May cause irritation to the eyes, skin or respiratory tract or cause discomfort if ingested.

Antidote (if available) or information for the emergency physician: If in doubt about the treatment or symptoms, consult a doctor.

Other existing health risks: ND.



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SECTION V. FIRE-FIGHTING MEASURES.

Suitable extinguishing media: Foam, carbon dioxide (CO₂), ABC dry powder.

Personal protective equipment for firefighting: In the initial phase, specific PPE is not required; in phase 2 or secondary fire or when the temperature suddenly increases and smoke accumulates considerably, structural firefighter equipment must be used.

Procedure and special precautions during firefighting: Personnel fighting fire in phase 2 must be equipped with a self-contained respirator, full facial protection and appropriate firefighting clothing.

Special fire fighting procedures: Avoid exposure to fire, fumes or products of combustion.

Combustion products that are harmful to health: Carbon oxides.

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: IF MATERIAL IS SPILLED: Keep the area well ventilated. Pick up with absorbent material. Store in a closed waste container until discarded.

Environmental precautions: Release to the environment, keep container tightly closed when not in use.

Mitigation methods to control the substance: NA.

SECTION VII. HANDLING AND STORAGE.

Precautions to be taken for safe handling: Keep away from heat, sparks and flames.

Conditions for safe storage, including any incompatibility: Keep away from flammable and combustible materials. Store in the original container, tightly closed, at temperatures between 5°C and 25°C. Keep away from oxidizing materials, heat or flames.

SECTION VIII. EXPOSURE CONTROLS / PERSONAL PROTECTIVE EQUIPMENT.

Control parameters: Dibenzoyl peroxide Long-term exposure limit (8-hour TWA): PEL 50 ppm 5 mg/m³.

Appropriate technical controls: Provide adequate ventilation. Avoid inhalation of vapors. Follow occupational exposure limits for products or ingredients.

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Personal protective equipment: Suggested.



Respiratory protection is recommended when this product is applied in places with poor ventilation (3M8577 suggested).

Hygiene measures: Wash at the end of each work shift and before eating, smoking and using the bathroom.

SECTION IX. PHYSICO-CHEMICAL PROPERTIES.

Physical state: Liquid.

Color: Black.

Odor: Characteristic.

Boiling temperature: NA.

Melting temperature: NA.

Ignition temperature: NA.

Auto-ignition temperature: ND.

Density: 1.5-1.6.

Molecular weight: ND.

pH: ND.

Evaporation rate: ND.

Solubility in water: ND.

Vapor pressure: ND.

% volatility: ND.

Flammable limits:

Sup: ND.

Inf: ND.

VOC (g/L): ND.

SECTION X. STABILITY AND REACTIVITY DATA.

Chemical stability: Stable at normal ambient temperatures.

Incompatible materials: The following materials may react with the product: Acids, alkalis, amines, strong reducing agents.

Spontaneous polymerization: Can not happen.

Conditions to avoid: Avoid excessive heat for prolonged periods of time.

Hazardous decomposition products: Carbon oxides.



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SECTION XI. TOXICOLOGICAL INFORMATION.

Information on probable routes of entry: Skin, eyes and mucous membranes.

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

Immediate and delayed effects, as well as chronic effects produced by short- or long-term exposure: Depending on the user's sensitivity, it can cause mild to serious irritation.

Acute toxicity: ND.

Interactive Effects: ND.

Other information: May be a skin sensitizer.

SECTION XII. ECOTOXICOLOGICAL INFORMATION.

Toxicity: Dibenzoyl peroxide: Fish: LC50, LC50, 96 hours: 0.06 mg/l, Oncorhynchus mykiss.

Benzoic acid, nonylic ester: Fish: CL₅₀, 24 hours: > 1.23 mg/l, Cyprinus carpio (common carp).

Persistence and degradability: There are no data on the degradability of this product.

Bioaccumulative potential: There are no data on bioaccumulation.

Mobility on soil: Mobile. The product is partially miscible with water and can be dispersed in the environment water.

Other side effects: NA.

SECTION XIII. INFORMATION ON THE DISPOSAL OF THE PRODUCTS.

Place waste or used and closed containers in accordance with local regulations.

SECTION XIV. TRANSPORT INFORMATION.

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:	3082
2. UN proper shipping name:	Resin solution.
3. Transport hazard class:	ND.
4. Packing/Packaging group:	Liquid substance dangerous for the environment.
5. Environmental risks:	Hazardous substance for the environment.
6. Special precautions for the user:	Those indicated in section.
7. Measures for bulk transport:	NA.



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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 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.