



Material safety data sheet (MSDS)

Creation Date: August 2003
 Revision number: 6
 Revision date: Noviembre 2021

Word of warning: **WARNING**
 Section pictograms:



Sheet 1 from 3

pens HI-BOND

SECTION I Identification of the hazardous chemical substance or mixture and the supplier or manufacturer.

1) Name of the hazardous chemical or mixture: <i>pens HI-BOND</i>	6) Use Restrictions: <i>Do not apply on wet surfaces or materials in process curing or setting</i>
2) Other means of identification: <i>hybrid sealant</i>	
3) Recommended Use of the product: <i>Paste indoors and outdoors in different construction or decoration materials</i>	7) Emergency telephone: <i>(442) 217 3232 (442) 217 3839</i>
4) Name of the manufacturer or distributor: <i>Productos Pennsylvania, S.A. de C.V.</i>	
5) Address: <i>Camino a San José No. 1, Fracc. San Pablo Tecnológica Querétaro, Qro. C.P. 76150</i>	

SECTION II Hazard identification.

1) Classification of hazardous chemicals: <i>Category 2A H319 Serious eye damage / eye irritation</i>	Health Hazards: <i>H319 Causes serious eye irritation</i>
Physical hazards:	
2) Elements signal: Precautionary statements: <i>P264 - Wash face, hands and any exposed skin thoroughly after handling P280 - Wear protective gloves/protective clothing/eye protection/face protection P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy P337 + P313 - If eye irritation persists: Get medical advice/attention</i>	
3) Other hazards:	

SECTION III Composition / Information on Ingredients.

1) For substances: chemical identity of the substance	CAS	UN	%
<i>Not available</i>			
2) For mixtures:			
<i>Trimethoxyvinylsilane</i>	2768-02-7	NA	1-5
<i>Calcium stearate</i>	1592-23-0	NA	1-2.5
<i>N-(3-(trimethoxysilyl)propyl)ethylenediamine</i>	1760-24-3	NA	0.1-1
<i>Dioctyltinbis(acetylacetonate)</i>	54068-28-9	NA	0.1-1
<i>1,2-Ethanediamine, N-[3-(dimethoxymethylsilyl)propyl]-</i>	3069-29-2	NA	0.1-1

NFPA

SECTION IV First aid.

Inhalation: <i>Remove to fresh air. If symptoms persist, call a physician.</i>	Skin contact: <i>Wash immediately with soap and water and rinse thoroughly. In case of skin irritation, consult a doctor.</i>
Ingestion: <i>If swallowed, rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. Call a physician immediately. Small amounts of toxic methanol are</i>	Other existing health risks: <i>Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing. Treat symptomatically.</i>
Eye contact: <i>Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.</i>	Antidote (if any) or information for the emergency physician: <i>Not available</i>

SECTION V Fire prevention measures.

a) Extinguishing Media: Water <input type="checkbox"/> ← Foam <input type="checkbox"/> ← CO2 <input type="checkbox"/> ← PQS <input type="checkbox"/> ← Other <i>halon</i>	b) Personal protective equipment for fire fighting: <i>In initial phase it is not required specific PPE, fire secondary phase 2 or or when temperature and smoke suddenly increases accumulates significantly, should be used structural firefighting equipment, self-contained breathing</i>
	c) Procedure and special precautions during fire fighting: <i>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, it will have emergency brigade, follow the internal protocols.</i>
d) Conditions that lead to another special risk: <i>Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis during the curing process.</i>	
e) combustion products which are harmful to health. <i>Carbon dioxide (CO2). Silicon dioxide.</i>	

SECTION VI Measures to be taken in case of accidental spill or accidental release

a) The procedures and precautions required for cases of leaks or spills:
PERSONAL PRECAUTIONS:
Use personal protective equipment as appropriate. Ensure adequate ventilation. Avoid all contact with eyes, skin, or clothing. Wash well after use.
METHODS FOR CLEANING UP:
Use personal protective equipment as appropriate. Absorb with an inert absorbent material. Collect by mechanical means and place in suitable containers for disposal. Clean the contaminated surface well.

b) The mitigation methods for controlling the substance:
Do not disperse spilled material with high pressure water jets.

c) environmental precautions:
Prevent the product from entering the drains. Do not allow it to enter the ground or subsoil. See Section XII for additional Ecological Information.

SECTION VII Handling and storage.

a) Precautions for safe handling:
Ensure good ventilation / exhaust in the workplace. Use only in well ventilated areas. Avoid contact with skin, eyes or clothing. Keep sources of ignition away - Do not smoke. Protects against electrostatic charges. Use the mandatory personal protective equipment. Do not eat or drink during use. Wash hands before breaks and after work hours.

b) Conditions for safe storage, including any incompatibilities:
Keep at temperatures between 41 and 95 °F. Keep away from food, drink and animal feeding stuffs. Keep container tightly closed in a dry and well-ventilated place. Protect from humidity.

SECTION VII Exposure controls / personal protection.


a) Control parameters.

Substance	No CAS	Regulatory limits		
Methyl alcohol (Methanol)	67-56-1	OSHA PEL	260 mg/m ³	200 ppm

**Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis during the curing process.*

b) Appropriate engineering controls.
Adequate ventilation in the work area.

c) Personal protective equipment.
suggested



Although it is not a product with significant risks, the use of personal protective equipment indicated is suggested

SECTION IX physico-chemical properties.

a) Boiling point	NA	f) Molecular weight	NA	k) Evaporation rate	NA	p) Flammability Limits	
b) Melting temperature	NA	g) pH	NA	l) water solubility	Any	Sup./Inf.	NA
c) Ignition temperature	NA	h) Form	Paste	m) Vapor Pressure	NA	q) Density Vap.	NA
d) Flash point	> 60 °C / 140	i) Color	White/Black	n)% Volatile	NA	r) VOC (g/L)	NA
e) Decomposition temperature	NA	j) Odor	characteristic	o) Kinematic viscosity	> 21 mm ² /s	s) Density	1.54 g/cm ³

SECTION X Stability and reactivity data

a) The product is considered:	b) Incompatibility (substances to avoid): <i>None known based on the information provided.</i>	c) Hazardous decomposition products: <i>None under normal conditions of use. Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis during the curing process.</i>
Stable <input checked="" type="checkbox"/>	d) spontaneous Polymerization	It can happen <input type="checkbox"/>
Unstable <input type="checkbox"/>		It can not happen <input checked="" type="checkbox"/>
	e) Other conditions to avoid in order to avoid reactions: <i>Protect from moisture. Moisture cured products.</i>	

SECTION XI Toxicological information.

1. likely routes of entry:	<i>Inhalation, skin irritation</i>	4. Acute toxicity:	<i>Any</i>
2. Symptoms:	<i>irritation</i>	5. Interactive effects:	<i>Undetermined</i>
3. short- and long-term:	<i>Likely skin irritation</i>	6. Other information:	<i>Any</i>

SECTION XII ecotoxicological information.

1. Toxicity: <i>No harmful effects expected in aqueous organisms. According to the experience of its use to date, no suspected negative effects of waste.</i>	4. Mobility in soil: <i>Undetermined</i>
2. Persistence and degradability: <i>Undetermined</i>	5. Other side effects: <i>None documented</i>
3. Potential for bioaccumulation: <i>unlikely bioaccumulation</i>	

SECTION XIII Information on the disposal of products.

Disposal should be in accordance with federal, state and local regulations.

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

1. UN Number	NA	4. Environmental risks:	NA
2. shipping name UN:	NA	6. Special precautions for user:	NA
3. Hazard class in transport:	NA	7. Measures for bulk transport:	No specific
4. Group packing:	NA		

SECTION XV**Regulatory information.**

no 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.