TN-PU19

SAFETY DATA SHEET

SECTION I - IDENTIFICATION

1.1 PRODUCT NAME: TN-PU19 - Polyurethane Construction Sealant.
PRODUCT CODE: 1225-C
1.2 USES: Sealant.
1.3 Company Name: PIC SISTEMAS
Company Address: 1148 Champlain Dr., Brownsville. Texas 78526
1.4 Business Phone: +1 (956) 435-4262
Email: ventas@picsacv.com.mx

SECTION II - HAZARD IDENTIFICATION

Emergency Overview
Causes serious eye irritation. Move the patient to fresh air. In case of skin contact, wash with plenty of soap and water. In case of eye contact, rinse immediately with plenty of water and consult a physician. Rinse mouth with water. Consult a physician. Show this safety data sheet to the physician in attendance.

GHS Classification (Standard GB 30000-2013)

Flammable Liquids:	Category 3.
Serious eye damage / eye irritation:	Category 2.

GHS Classification (Standard GB 30000-2013):
Hazard Pictograms:



Signal Word	**Warning**	
Hazard Statements::	H226	Flammable liquid and vapor.
	H319	Causes serious eye irritation.
Precautionary Statements::	**Prevention:**	
	P101	If medical advice is needed, have product container or label at hand.
	P102	Keep out of reach of children.
	P103	Read label before use.
	P210	Keep away from heat, sparks, open flames, and hot surfaces. No smoking.
	P233	No smoking.
	P240	Keep container tightly closed.
	P241	Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment.
	P242	Use only non-sparking tools.

P243 Take action to prevent static discharges.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/eye protection/face protection.

Response:
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P362 + P370 + P378 In case of fire: Use dry sand, dry chemical, or alcohol-resistant foam to extinguish.
Storage:
P403 + P235 in a well-ventilated place. Keep cool.
Disposal:
P501 Dispose of contents/container to an approved waste disposal plant.

Physical and Chemical Hazards:
Flammable liquid and vapor.
Health Hazards:
Causes serious eye irritation.
Environmental Hazards:
Not classified according to available information.
Other hazards which do not result in classification:
No data available.

SECTION III - COMPOSITION / INFORMATION ON INGREDIENTS

Product Form: Mixture
Hazardous Components:

Chemical Name	CAS-NO	Classification (GB 30000.2-29-2013)	Concentration
Calcium Carbonate	471-34-1	Not Classified	52%
Silane-Modified Polyether Resin	9003-11-6	Not Classified	22%
Dioctyl Phthalate (DOP)	93952-13-7	Skin Irritation 3; Chronic Aquatic Toxicity 4.	18%
Silane Coupling Agent	11099-06-2	Flammable Liquid 3; Eye Irritation 2.	7.7%
Curing Agent	6465-57-2	Skin Irritation 2; Serious Eye Damage 1.	0.3%

SECTION IV - FIRST AID MEASURES

General Advice:	Leave the hazardous area. Consult a physician. Show this safety data sheet (SDS) to the attending physician. Do not leave the victim unattended.
Inhalation:	If inhaled, move the victim to fresh air. If unconscious, place in recovery position (side-lying) and seek medical attention. If symptoms persist, call a physician.
Skin Contact:	Remove contaminated clothing immediately. If irritation occurs, seek medical attention. Rinse skin thoroughly with plenty of water. Wash contaminated clothing before reuse.
Eye Contact:	In case of contact, rinse immediately with plenty of water and seek medical attention. Continue rinsing eyes during transport to the hospital. Remove contact lenses if present. Protect the uninjured eye.
En caso de ingestión:	Obtenga atención médica. Nunca administre nada por la boca a una persona inconsciente.Si los síntomas persisten, llame a un médico.
Síntomas y efectos más importantes, tanto agudos como retardada:	Los síntomas y efectos conocidos más importantes se describenen el etiquetado (ver sección 2) y/o en la sección 11.
Nota para el médico:	Tratar sintomáticamente

SECTION V - FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Approved media: Water spray, alcohol-resistant foam, carbon dioxide (CO2), or dry chemical.
Unsuitable Extinguishing Media:	
Specific Hazards During Fire Fighting:	High-volume water jet. Beware of vapor accumulation forming explosive concentrations. Vapors may accumulate in low-lying areas. Do not allow fire-fighting runoff water to enter drains or watercourses.
Hazardous Combustion Products:	Carbon monoxide (CO), carbon dioxide (CO2), toxic fumes, and various hydrocarbons. Hazardous combustion gases or vapors may form in the event of a fire.
Specific Extinguishing Methods:	The product is compatible with standard fire extinguishing agents. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Use water spray to cool completely closed containers.
Special Protective Equipment for Firefighters:	In the event of fire, wear self-contained breathing apparatus (SCBA) and full protective equipment.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures:	Evacuate personnel to safe areas. Do not breathe vapors or aerosols. Eliminate all ignition sources. Use personal protective equipment. Ensure adequate ventilation. Beware of vapor accumulation forming explosive concentrations. Vapors can accumulate in low areas. Personnel not wearing protective equipment should be excluded from the spill area until cleanup is complete.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Environmental Precautions:	Do not allow the product to enter drains, watercourses, or the soil. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers, lakes, or drains, inform the corresponding authorities.
Methods and Materials for Containment and Cleaning:	Contain the spill and then collect it with non-combustible absorbent material (e.g., sand, earth, diatomaceous earth, vermiculite). Place the collected material in a container for disposal in accordance with local/national regulations (see Section 13).
Prevention of Secondary Hazards:	Comply with all applicable national and local regulations.

SECCIÓN VII - MANIPULACIÓN Y ALMACENAMIENTO

Handling

Advice on Protection Against Fire and Explosion:	Ignition Control: Keep away from open flames, hot surfaces, and sources of ignition. Use only explosion-proof equipment. Provide sufficient air exchange and/or exhaust in workrooms.
Advice on Safe Handling:	Do not breathe vapors/mists/gases. Do not smoke. Take precautionary measures against static discharges. Avoid exposure: obtain special instructions before use. Avoid contact with skin and eyes. Smoking, eating, and drinking shall be prohibited in the application area. For personal protection, see Section 8. Dispose of rinse water in accordance with local and national regulations.
Avoid Contact:	None known.

Storage

Conditions for Safe Storage:	Keep the container tightly closed in a dry and well-ventilated place. Once containers are opened, they must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Do not smoke. Electrical installations and work materials must comply with technical safety standards.

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control parameters:
Contains no substances with known occupational exposure limits.

Components	CAS-No.	Value type (Presentation format)	Control parameters	GBZ 2.1-2019 Standard
-	-	-	-	-

Engineering Measures:	Provide sufficient mechanical ventilation (general and/or local exhaust). Ventilation to maintain exposure below exposure limits.

Personal Protective Equipment

Eye and Face Protection:	Use chemical splash goggles and a face shield whenever there is a possibility of eye or face exposure to liquid, vapor, or mist.
Skin and Body Protection:	Impermeable clothing, safety footwear, and flame-retardant (fire-retardant) clothing.

Hand Protection:	Wear protective gloves. Discard gloves that show tears, holes, or signs of wear.
Hygiene Measures:	Hygiene Measures:

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Paste
Odor:	No data available
Odor Threshold:	No data available
pH:	Not applicable
Melting point/freezing point:	No data available
Boiling point/boiling range:	No data available
Flash point:	No data available
Evaporation rate:	No data available
Flammability (solid, gas):	No data available
Upper explosion limit:	Non-explosive
Lower explosion limit:	Non-explosive
Vapor pressure:	No data available
Relative vapor density:	No data available
Density Water solubility:	1,499 g/ml
Solubility in other solvents:	No data available
Partition coefficient: n-octanol/water:	No data available
Decomposition temperature:	No data available
Viscosity, dynamic:	No data available
Viscosity, kinematic:	No data available
Oxidizing properties:	No data available

SECTION X - STABILITY AND REACTIVITY

Reactivity:	No decomposition if stored and applied as directed.
Chemical Stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions:	Vapors may form explosive mixture with air. Keep away from heat, flames, sparks, and other ignition sources.
Conditions to Avoid:	Strong heating.
Incompatible Materials:	None known.
Hazardous Decomposition Products:	Carbon monoxide (CO), Carbon dioxide (CO_2), and toxic fumes/hydrocarbons.

SECTION XI - TOXICOLOGICAL INFORMATION

Acute Toxicity:

Not classified based on available information.

Dioctyl Phthalate:	LD50 Oral - Rat - 47,000 mg/kg
Acute Oral Toxicity:	Observations: (RTECS)
Acute Inhalation Toxicity:	No data available.
Toxicidad cutánea aguda:	LD50 Dermal - Guinea pig ≥ 5,000 mg/kg Observations: (RTECS)

Skin
Not classified based on available information.
Dioctyl Phthalate:
Skin - Rabbit Result:
Mild skin irritation - 24 h
Observations: (RTECS)

Corrosion/Irritation:

Serious Eye Damage/Eye Irritation:
Causes serious eye irritation.
Dioctyl Phthalate: Eyes - Rabbit.
Result: Mild eye irritation - 24 h
Observations: (RTECS)

Respiratory or Skin Sensitization:
Skin Sensitization
Not classified based on available information.
Respiratory Sensitization
No clasificado según la información disponible.
Mutagenicidad en células germinales
Not classified based on available information.
Carcinogenicity:
Not classified based on available information.
Reproductive Toxicity:
Not classified based on available information.
STOT - Single Exposure:
Not classified based on available information.
STOT - Repeated Exposure:
Not classified based on available information.
Aspiration Hazard:
Not classified based on available information.

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicity:
Not classified based on available information.

Dioctyl Phthalate:

Toxicity to Fish:	NOEC - Cyprinodon variegatus (Sheepshead minnow): 168 mg/l - 96 h. Observations: (ECOTOX Database) No hay datos disponibles
Toxicity to Daphnia and other aquatic invertebrates:	No hay datos disponibles
Toxicity to Algae:	
Persistence and Degradability	Gambusia affinis (Mosquitofish): 33 d - 0.00006 mg/l. (Ftalatode dioctilo-3,4,5,6-d4) Bioconcentration Factor (BCF): 9,400.
Biodegradability of Dioctyl Phthalate::	No data available.
Theoretical Oxygen	

Theoretical Oxygen Demand
BOD / ThBOD Ratio: No data available.

Bioaccumulative Potential:
Partition Coefficient: No data available.
n-octanol/water

Mobility in Soil:
No data available. No data available.

Other Adverse Effects:
Additional Ecological Information No data available.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Treatment Methods:

Waste from Residues: Do not allow product to reach sewage systems, water courses, or the soil.
Do not contaminate ponds, waterways, or ditches with chemical products or used containers.
Send the product to an authorized waste management company.
Dispose of in accordance with all applicable local, state, and federal regulations.

SECTION XIV - TRANSPORT INFORMATION

International Transport Regulations:
LAND TRANSPORT / China Road (JT/T 617-2018):
UN Number: UN1133
Proper Shipping Name: Adhesives containing a flammable liquid.
Hazard Class: 3
Packing Group: Ⅲ
LQ: 5L
EQ: E2



INTERNATIONAL MARITIME DANGEROUS GOODS (IMDG Code, 2022 Edition, Amendment 41-22)
UN Number: UN1133
Proper Shipping Name: Adhesives containing a flammable liquid.
Hazard Class: 3
Packing Group: Ⅲ
LQ: 5L
EQ: E2
Marine Pollutant: No



AIR TRANSPORT / INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA DGR, 65th Edition)
UN Number: UN1133
Proper Shipping Name: Adhesives containing a flammable liquid.
Hazard Class: 3
Packing Group: Ⅲ
EQ: E2
Marine Pollutant: Sí



SECTION XV - REGULATORY INFORMATION

Regulation on the Safety Management of Hazardous Chemicals (Decree No. 591 of the State Council of the People's Republic of China) General Rules for Preparation of Chemical Safety Data Sheets (GB/T 16483-2008). Guidance on the Compilation of Safety Data Sheets for Chemical Products (GB/T 17519-2013). Rules for Classification and Labelling of Chemicals (GB 30000-2013). General Rules for Classification and Hazard Communication of Chemicals (GB 13690-2009). List of Dangerous Goods (GB 12268-2012).Classification and Code of Dangerous Goods (GB 6944-2012) Occupational Exposure Limits for Hazardous Agents in the Workplace - Part 1: Chemical Hazardous Agents (GBZ 2.1-2019).

SECTION XVI - OTHER INFORMATION

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