

# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: US OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada WHMIS which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR)

Revision Date 25-Oct-2024 Version 1

## 1. Identification

**Product identifier** 

Product Name PX CLEAR RTV SILICONE 3 OZ.

Other means of identification

Product Code 80050

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Sealant

Restrictions on use No information available

Details of the supplier of the safety data sheet

Manufacturer Address

| STW Parmeters | ITW Pa

ITW Permatex, Inc. ITW Permatex Canada 6875 Parkland Blvd. ITW Permatex Canada 101-2360 Bristol Circle

Solon, Ohio 44139 USA Oakville, ON Canada L6H 6M5 Telephone: 1-87-Permatex Telephone: (800) 924-6994

(866) 732-9502

E-mail address mail@permatex.com

Emergency telephone number

24 Hour Emergency Phone Number Chem-Tel: 800-255-3924

International Emergency: 00+1+ 813-248-0585

Contract Number: MIS0003453

24-hour emergency phone number No information available

# 2. Hazard(s) identification

### Classification

This product is not considered hazardous by either the US OSHA Hazard Communication Standard 2024, or Canada Hazardous Products Act (HPA) and Hazardous Products Regulation (HPR), as amended.

## Label elements

## **Hazard statements**

This product is not considered hazardous by either the US OSHA Hazard Communication Standard 2024, or Canada Hazardous

Products Act (HPA) and Hazardous Products Regulation (HPR), as amended.

4.5 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.

7 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.

24 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).

24 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).

14 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

### Other Information

No information available.

# 3. Composition/information on ingredients

## **Substance**

Not applicable.

#### Mixture

Chemical name	CAS No.	Weight-%	Information Review	Date HMIRA filed and date exemption granted (if applicable)
AMORPHOUS SILIC	CA 7631-86-9	7-13%	-	-

# 4. First-aid measures

## **Description of first aid measures**

**Inhalation** Remove to fresh air.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.

Consult a physician.

**Skin contact** Wash skin with soap and water.

**Ingestion** Rinse mouth.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Effects of Exposure No information available.

Indication of any immediate medical attention and special treatment needed

# 5. Fire-fighting measures

surrounding environment.

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

Specific hazards arising from the

chemical

No information available.

**Explosion data** 

Sensitivity to mechanical impact None. Sensitivity to static discharge None.

Special protective equipment and precautions for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

Use personal protection equipment.

# 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation.

Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

# 7. Handling and storage

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

# 8. Exposure controls/personal protection

Control Parameters
Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
AMORPHOUS SILICA	-	(vacated) TWA: 6 mg/m <sup>3</sup>	TWA: 6 mg/m <sup>3</sup> ;
7631-86-9		<1% Crystalline silica	IDLH: 3000 mg/m <sup>3</sup>
		TWA: 20 mppcf	-
		: (80)/(% SiO2) mg/m³ TWA	

Chemical name	Nunavut	Prince Edward Island	Saskatchewan	Yukon
AMORPHOUS SILICA				TWA: 300 particle/mL;
				TWA: 20 mppcf;
				TWA: 2 mg/m³;
				respirable mass

## **Appropriate engineering controls**

**Engineering controls** Showers

> Evewash stations Ventilation systems.

### Individual protection measures, such as personal protective equipment

Eye/face protection Appropriate eye/face protection should be selected and used according to the chemical

nature, hazards and use of this product and safety requirements of the local jurisdiction.

Hand protection Appropriate hand protection should be selected and used according to the chemical nature,

hazards and use of this product and safety requirements of the local jurisdiction.

Skin and body protection Appropriate skin and body protection should be selected and used according to the

chemical nature, hazards and use of this product and safety requirements of the local

iurisdiction.

Respiratory protection Appropriate respiratory protection should be selected and used according to the chemical

> nature, hazards and use of this product and safety requirements of the local jurisdiction. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be

required.

Handle in accordance with good industrial hygiene and safety practice. **General hygiene considerations** 

# 9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state Paste / Gel Liquid

**Appearance** Paste Color Clear

No information available Odor **Odor threshold** No information available

**Property** Values Remarks • Method

pН No data available

Melting point / freezing point No data available No data available Boiling point / boiling range

> 95 °C / 203 °F Flash point

Not applicable **Evaporation rate** No data available Flammability (solid, gas)

Flammability Limit in Air

**Upper flammability limit:** No data available Lower flammability limit: No data available 10 mm Hg @ 25°C Vapor pressure

Vapor density >1 1.007 Relative density

Water solubility No Data Available No data available Solubility(ies) Partition coefficient No data available **Autoignition temperature** No data available **Decomposition temperature** No data available Kinematic viscosity No data available Dynamic viscosity No data available

**Particle characteristics** 

**Particle Size** No data available **Particle Size Distribution** No data available

Other information

Tag Closed Cup

Air = 1

No information available **Explosive properties Oxidizing properties** No information available No information available Softening point No information available Molecular weight

**VOC** content 2.3%

Density No information available **Bulk density** No information available

# 10. Stability and reactivity

Reactivity No information available.

Chemical stability Stable under normal conditions.

Possibility of hazardous reactions None under normal processing.

Conditions to avoid None known based on information supplied.

Incompatible materials None known based on information supplied.

Hazardous decomposition products Carbon oxides. Nitrogen oxides (NOx). Acetic acid. Formaldehyde.

# 11. Toxicological information

### Information on likely routes of exposure

Inhalation Specific test data for the substance or mixture is not available.

Eye contact Specific test data for the substance or mixture is not available.

Skin contact Specific test data for the substance or mixture is not available.

Ingestion Specific test data for the substance or mixture is not available.

## Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** No information available.

**Acute toxicity** 

**Numerical measures of toxicity** 

# The following ATE values have been calculated for the mixture

ATEmix (oral) 29,194.00 mg/kg ATEmix (dermal) 18,181.80 mg/kg ATEmix (inhalation-gas) 99,999.00 ppm ATEmix (inhalation-vapor) 99,999.00 mg/l ATEmix (inhalation-dust/mist) 43.10 mg/l

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## Component Information

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Chemical name Oral LD50		Dermal LD50	Inhalation LC50			
AMORPHOUS SILICA	= 7900 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 5.01 mg/L (Rat) 4 h			
7631-86-9						

**Skin corrosion/irritation**No information available.

Serious eye damage/eye irritation No information available.

**Respiratory or skin sensitization** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** Based on available data, the classification criteria are not met.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
AMORPHOUS SILICA	-	Group 3 -	-	-
7631-86-9		Unclassifiable as to		
		carcinogenicity in		
		humans		

### Legend

# IARC (International Agency for Research on Cancer)

Group 3 - Not classifiable as to carcinogenicity in humans

Reproductive toxicity No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Aspiration hazard** No information available.

# 12. Ecological information

## **Ecotoxicity**

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
		LC50: =5000mg/L (96h,	3	EC50: =7600mg/L (48h,
7631-86-9	Pseudokirchneriella subcapitata)	Brachydanio rerio)		Ceriodaphnia dubia)

Persistence and degradability No information available.

**Bioaccumulation** There is no data for this product.

Other adverse effects No information available.

# 13. Disposal considerations

### Waste treatment methods

Waste from residues/unused

products

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

US EPA Waste Number Waste designations and classifications should be determined by the end user based on the

application for which the product was used.

# 14. Transport information

DOTNot regulatedTDGNot regulatedMEXNot regulated

IMDG Not regulated

Not regulated

# 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

### **International Regulations**

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

**TSCA** Complies DSL/NDSL Complies Complies **EINECS/ELINCS** Complies **ENCS IECSC** Complies **KECI** Complies **PICCS** Complies Complies **AICS NZIoC** Complies

### Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing Chemicals Inventory

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

## **US Federal Regulations**

### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

## SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

## **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

## **US State Regulations**

## **California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical name	California Proposition 65	
AMORPHOUS SILICA - 7631-86-9	*Carcinogen	

<sup>\*</sup>The asterisked chemical(s) listed are not subject to Proposition 65 because they are not airborne in the finished product

#### U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
AMORPHOUS SILICA	-	X	X
7631-86-9			

### U.S. EPA Label Information

### EPA Pesticide Registration Number Not applicable

## 16. Other information

NFPA_	Health hazards 1	Flammability 1	Instability 0	Special hazards -
<u>HMIS</u>	Health hazards 0	Flammability 1	Physical hazards 0	Personal protection X

## Key or legend to abbreviations and acronyms used in the safety data sheet

#### Leaend

SVHC: Substances of Very High Concern for Authorization:
PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances
vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

STOT: Specific Target Organ Toxicity

ATE: Acute Toxicity Estimate LC50: 50% Lethal Concentration

LD50: 50% Lethal Dose

## Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)

Ceiling Maximum limit value \* Skin designation

+ Sensitizers

### Key literature references and sources for data used to compile the SDS

U.S. Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA) U.S. Environmental Protection Agency

Acute Exposure Guideline Level(s) (AEGL(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

Japan National Institute of Technology and Evaluation (NITE)

Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

U.S. National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)

International Organization for Economic Co-operation and Development (OECD) Environment, Health, and Safety Publications International Organization for Economic Co-operation and Development (OECD) High Production Volume Chemicals Program International Organization for Economic Co-operation and Development (OECD) Screening Information Data Set

United Nations World Health Organization (WHO)

Revision Date 25-Oct-2024

**Revision Note** No information available.

**Disclaimer** 

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