

SECTION I - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Weld-On® PTFE Thread Seal Tape
PRODUCT USE: PTFE Tape
SUPPLIER:

MANUFACTURER: IPS Corporation
 17109 South Main Street, Gardena, CA 90248-3127
 P.O. Box 379, Gardena, CA 90247-0379
 Tel. 1-310-898-3300

EMERGENCY: Transportation: CHEMTEL Tel. 800-255-3924, +1 813-248-0585 (International) **Medical:** CHEMTEL Tel. 800-255-3924, +1 813-248-0585 (International)

SECTION 2 - HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

Health	Environmental	Physical
Acute Toxicity: Category 4	Acute Toxicity: Category 4 Chronic Toxicity: Category 4	None Known
Skin Irritation: Category 4		
Respiratory Sensitization: NO		
Eye: Category 4		

GHS LABEL:



Signal Word:
WARNING

WHMIS CLASSIFICATION: None

Hazard Statements

H315: Causes skin irritation.
 H335: May cause respiratory irritation

Precautionary Statements

P102: Keep out of reach of children
 P233: Keep container tightly closed
 P264: Wash hands thoroughly after handling

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

	CAS #	EINECS #	REACH	CONCENTRATION
			Pre-registration Number	% by Weight
Polytetrafluoroethylene (99.5% Virgin PTFE)	9002-84-0	204-126-9	Not Established	99-100

All of the constituents of this product are listed on the TSCA inventory of chemical substances maintained by the US EPA, or are exempt from that listing.

* Indicates this chemical is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40CFR372).

indicates that this chemical is found on Proposition 65's List of chemicals known to the State of California to cause cancer or reproductive toxicity.

SECTION 4 - FIRST AID MEASURES

Contact with eyes: Flush eyes with plenty of water for 15 minutes. Get medical attention if irritation develops or persists.
Skin contact: Wash exposed area with mild soap and water. Get medical attention if irritation develops or persists.
Inhalation: Not likely under normal conditions. If using in high temperatures if dizziness or irritation occurs seek fresh air.
Ingestion: If ingested this product is not expected to cause an acute reaction. Call a Poison Control Center or Physician.

Likely Routes of Exposure: Inhalation of fumes at high temperatures.

Acute symptoms and effects:

Inhalation: PTFE transferred to tobacco products can cause Polymer Fume Fever which exhibits flue like symptoms.

Eye Contact: No adverse effects under normal conditions.

Skin Contact: No adverse effects under normal conditions.

Ingestion: Use good standard practices when using this material.

Chronic (long-term) effects: No adverse effects known under normal conditions.

SECTION 5 - FIREFIGHTING MEASURES

Suitable Extinguishing Media:	Water Fog, CO2 Foam, Dry Chemical.	HMIS	NFPA	0-Minimal
Unsuitable Extinguishing Media:	No data available	Health	0	2
Exposure Hazards:	Product will emit toxic fumes at high temperatures.	Flammability	1	1
Combustion Products:	May decompose above 545°F/285°C to produce carbon oxides of nitrogen, and acrolein.	Reactivity	0	0
Protection for Firefighters:	Self contained breathing apparatus with full face piece and protective clothing if involved with other materials.	PPE	B	4-Severe

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear appropriate personal protective equipment. Use caution: slip hazard.

Environmental Precautions: Report spills and releases as required to appropriate authorities.

Methods for Cleaning up: This is a solid tape like material. No unusual precautions

Materials not to be used for clean up: None

SECTION 7 - HANDLING AND STORAGE

Handling: No smoking while handling material. PTFE transferred to tobacco products can cause Polymer Fume Fever which exhibits flue like symptoms. Avoid contact with eyes. Avoid prolonged skin contact

Storage: Store in a cool, dry place for optimal product performance. Store away from oxidizers. May decompose when heated above 700°F/371°C.

SECTION 8 - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:	Component	ACGIH 8hr TLV	ACGIH STEL	OSHA 8hr PEL	OSHA 15 min STEL	OSHA Ceiling	CAL/OSHA 8hr PEL	CAL/OSHA 15 min STEL	CAL/OSHA Ceiling
		Polytetrafluoroethylene	N/E	N/E	N/E	N/E	N/E	N/E	N/E

Engineering Controls: Normally not required. If being used in high temperature applications where the product "smokes", use a local exhaust or ventilate the area.

Monitoring: Only required for high temperature operations.

Personal Protective Equipment (PPE):

Eye Protection: Use good standard practices when using this material.

Skin Protection: Use good standard practices when using this material.

Respiratory Protection: Use of a N.I.O.S.H. Approved Organic Vapor Respirator when the product is being used in high temperatures applications.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White	Odor Threshold:	Not Available
Odor:	None		
pH:	Not Applicable		
Melting/Freezing Point:	-341°C (642°F)		
Boiling Point:	Not Applicable	Evaporation Rate:	Not Applicable
Flash Point:	Not Available	Flammability:	N/A
Specific Gravity:	2.1 - 2.2 (H ₂ O = 1)	Flammability Limits:	LEL: N/A
Solubility:	Insoluble		UEL: N/A
Partition Coefficient n-octane/water:	Not Available	Vapor Pressure:	Not Applicable
Auto-ignition Temperature:	Not Available	Vapor Density:	Not Applicable
Decomposition Temperature:	Above 700°F/371°C, hazardous fumes may be generated	Other Data: Viscosity:	Not Available
VOC Content:	0%		

SECTION 10 - STABILITY AND REACTIVITY

Stability:	Stable. PTFE is a relatively inert product as long as it is used at temperatures not exceeding 550°F.
Hazardous decomposition products:	Carbon monoxide, carbon dioxide, hydrogen fluoride, and toxic organo-fluorine compounds.
Conditions to avoid:	At temperatures above 550°F, hazardous fumes may be generated.
Incompatible Materials:	Incompatible with molten alkali metals, fluorine and other halogens, strong oxidizing agents.

SECTION 11 - TOXICOLOGICAL INFORMATION

Toxicity:	LD ₅₀	LC ₅₀
Polytetrafluoroethylene	No Data	No Data

<u>Reproductive Effects</u>	<u>Teratogenicity</u>	<u>Mutagenicity</u>	<u>Embryotoxicity</u>	<u>Sensitization to Product</u>	<u>Synergistic Products</u>
Not Established	Not Established	Not Established	Not Established	Not Established	Not Established

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:	No known ecological affects.
Mobility:	Not applicable.
Degradability:	Not established
Bioaccumulation:	No known adverse bioaccumulation or biomagnification effects.

SECTION 13 - WASTE DISPOSAL CONSIDERATIONS

Non-regulated solid waste. Waste from this product is not considered hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of in accordance with Federal, State and Local regulations at an approved landfill. Avoid incineration.

SECTION 14 - TRANSPORT INFORMATION

Proper Shipping Name:	Not Regulated
Hazard Class:	N/A
Secondary Risk:	N/A
Identification Number:	N/A
Packing Group:	N/A
Label Required:	N/A
Marine Pollutant:	N/A

SECTION 15 - REGULATORY INFORMATION

Precautionary Label Information:	Irritant	Ingredient Listings:	USA TSCA, Europe EINECS, Canada DSL, Australia
Symbols:	Xi		AICS, Korea ECL/TCCL, Japan MITI (ENCS)
Risk Phrases:	R36 Irritating to eyes R38 Irritating to skin		
Safety Phrases:	S2: Keep out of the reach of children S9: Keep container in a well-ventilated place.	S25: Avoid contact with eyes.	

SECTION 16 - OTHER INFORMATION

Specification Information:		
Department issuing data sheet:	IPS, Safety Health & Environmental Affairs	All ingredients are compliant with the requirements of the European
E-mail address:	<EHSinfo@ipscorp.com>	Directive on RoHS (Restriction of Hazardous Substances).
Training necessary:	Yes, training in practices and procedures contained in product literature.	
Reissue date / reason for reissue:	4/28/2015 / Updated GHS Standard Format	
Intended Use of Product:	Pipe Thread Sealant Tape	

This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.