

## Weld-On® PTFE Thread Seal Tape

Supersedes:

### SECTION 1 - 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 1	Acute Toxicity: (Category 1), H400	None Known
Skin Irritation: Category 2	Chronic Toxicity: (Category 1), H410	
Respiratory Sensitization: NO		
Eye: Category 1		

**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.

### SECTION 5 - FIREFIGHTING MEASURES

<b>Suitable Extinguishing Media:</b>	Water Fog, CO2 Foam, Dry Chemical.	HMIS	NFPA	0-Minimal
<b>Unsuitable Extinguishing Media:</b>	No data available	Health	0	2
<b>Exposure Hazards:</b>	Product will emit toxic fumes at high temperatures.	Flammability	1	1
<b>Combustion Products:</b>	May decompose above 545°F/285°C to produce carbon monoxide, oxides of nitrogen, and acrolein.	Reactivity	0	0
		PPE	B	4-Severe

**Protection for Firefighters:** Self contained breathing apparatus with full face piece and protective clothing if involved with other materials.

### 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.

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### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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

### SECTION 10 - STABILITY AND REACTIVITY

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

### SECTION 11 - TOXICOLOGICAL INFORMATION

<b>Likely Routes of Exposure:</b>	Inhalation of fumes at high temperatures.
<b>Acute symptoms and effects:</b>	
<b>Inhalation:</b>	PTFE transferred to tobacco products can cause Polymer Fume Fever which exhibits flue like symptoms.
<b>Eye Contact:</b>	No adverse effects under normal conditions.
<b>Skin Contact:</b>	No adverse effects under normal conditions.
<b>Ingestion:</b>	Use good standard practices when using this material.
<b>Chronic (long-term) effects:</b>	No adverse effects known under normal conditions.
<b>Toxicity:</b>	LD <sub>50</sub> LC <sub>50</sub>
Polytetrafluoroethylene	No Data No Data

Reproductive Effects	Teratogenicity	Mutagenicity	Embryotoxicity	Sensitization to Product	Synergistic Products
Not Established	Not Established	Not Established	Not Established	Not Established	Not Established

### SECTION 12 - ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	No known ecological affects.
<b>Mobility:</b>	Not applicable.
<b>Degradability:</b>	Not established
<b>Bioaccumulation:</b>	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

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

### SECTION 15 - REGULATORY INFORMATION

<b>Precautionary Label Information:</b>	Irritant	Ingredient Listings:	USA TSCA, Europe EINECS, Canada DSL, Australia
<b>Symbols:</b>	Xi		AICS, Korea ECL/TCCL, Japan MITI (ENCS)
<b>Risk Phrases:</b>	R36 Irritating to eyes R38 Irritating to skin		
<b>Safety Phrases:</b>	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

<b>Specification Information:</b>		
<b>Department issuing data sheet:</b>	IPS, Safety Health & Environmental Affairs	All ingredients are compliant with the requirements of the European
<b>E-mail address:</b>	<EHSinfo@ipscorp.com>	Directive on RoHS (Restriction of Hazardous Substances).
<b>Training necessary:</b>	Yes, training in practices and procedures contained in product literature.	
<b>Reissue date / reason for reissue:</b>	2/04/2015 / Updated GHS Standard Format	
<b>Intended Use of Product:</b>	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.