



# SAFETY DATA SHEET

## WELD-ON® 505™ KEY TITE Low VOC Pipe Joint Compound

Date Revised: **MAR 2018**  
Supersedes: **JUN 2015**

### SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** WELD-ON® 505™ KEY TITE Low VOC Pipe Joint Compound  
**PRODUCT USE:** Pipe Thread Sealant  
**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:** Not Classified

Health	Environmental	Physical
Acute Toxicity: Not Available Skin Irritation: Category 4 Skin Sensitization: No Eye: Category 4	Acute Toxicity: Not Available Chronic Toxicity: Not Available	Flammable Liquid Category 4

**LABEL:** NO PICTOGRAM NEEDED

**Signal Word:** NONE

**WHMIS CLASSIFICATION:** Not Controlled

Hazard Statements	Precautionary Statements
H320: Causes eye irritation	P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsin P403+P233: Store in a well ventilated place. Keep container tightly closed P411: Store at temperatures not exceeding 65°C/150°F. P501: Dispose of contents/container in accordance with local regulation

### SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

CAS#	EINECS #	REACH Pre-registration Number	CONCENTRATION % by Weight
Nonhazardous paste containing highly refined mineral oil, vegetable oils, resins and mineral fillers.			100%

All of the constituents of this adhesive 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:** Check for and remove any contact lenses. Immediately flush eyes with running water for at least 5 minutes, keeping eyelids open. Get medical attention if redness or irritation persists.

**Skin contact:** Remove contaminated clothing and shoes. Wash skin with soap and water. Get medical attention if irritation symptoms occur. High pressure injection under skin requires immediate medical attention.

**Inhalation:** Move exposed person to fresh air. Get medical attention if symptoms occur. No symptoms expected.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. Get medical attention if nausea or stomach pains occur.

**Likely Routes of Exposure:** Ingestion, Eye and Skin Contact

**Acute symptoms and effects:**

**Inhalation:** No ingredients reported to meet aspiration hazard classification.

**Eye Contact:** May cause mild redness and discomfort on contact with eyes.

**Skin Contact:** No ingredients reported to be irritating or corrosive to skin.

**Ingestion:** Get medical attention if nausea or stomach pains occur.

**Chronic (long-term) effects:** None Known

### SECTION 5 - FIREFIGHTING MEASURES

<b>Suitable Extinguishing Media:</b> Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam. Water can be used to keep containers cool	<b>HMIS</b>	<b>NFPA</b>	0-Minimal
<b>Unsuitable Extinguishing Media:</b> Do not use water jet.	Health 0	0	1-Slight
<b>Exposure Hazards:</b> Inhalation.	Flammability 1	1	2-Moderate
<b>Combustion Products:</b> Carbon monoxide, carbon dioxide, products of incomplete combustion.	Reactivity 0	0	3-Serious
<b>Protection for Firefighters:</b> Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing.	PPE B		4-Severe

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Wear appropriate personal protection equipment (see section 8).

**Environmental Precautions:** If small amount, clean residue with soap and water. Otherwise use suitable oil adsorbent. Keep product out of sewers and watercourses. Dispose of material in accordance with all regulations. Advise authorities if large amounts of product enters waterways or extensive land areas.

**Methods for Cleaning up:** Recover free product. Add sand, earth or some other suitable adsorbent.

**Materials not to be used for clean up:** None specified.

### SECTION 7 - HANDLING AND STORAGE

**Handling:** Wear appropriate personal protection equipment (see section 8). Do not eat, drink or smoke when using. Wash thoroughly after handling. Follow good hygiene and housekeeping practices.

**Storage:** Store in cool dry area in original or equivalent container in accordance with all regulations. Do not expose to extreme heat or flame. Store below 65°C (150°F), away from strong oxidizers and acids.

### SECTION 8 - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

Component	ACGIH TLV	ACGIH STEL	OSHA PEL	OSHA STEL	OSHA PEL-Ceiling	CAL/OSHA PEL	CAL/OSHA Ceiling	CAL/OSHA STEL
No Components have Regulatory Exposure Limits								

**Engineering Controls:** Use with adequate ventilation

**Monitoring:** Not required.

**Personal Protective Equipment (PPE):**

**Eye Protection:** Safety glasses. Ensure eye wash station is available.

**Skin Protection:** No additional protection required beyond normal industrial attire is required.

**Respiratory Protection:** No special measures required.



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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Dark green semi-solid	<b>Odor Threshold:</b>	No data
<b>Odor:</b>	Mild Odor	<b>Relative Density:</b>	1.4
<b>pH:</b>	Not Applicable	<b>Boiling Range:</b>	No data
<b>Melting/Freezing Point:</b>	No data	<b>Evaporation Rate:</b>	No data
<b>Boiling Point:</b>	No data	<b>Flammability:</b>	None
<b>Flash Point:</b>	121°C (250°F) C.O.C.	<b>Flammability Limits:</b>	LEL: Not Available UEL: Not Available
<b>Specific Gravity:</b>	No data	<b>Vapor Pressure:</b>	No data
<b>Solubility:</b>	Insoluble in water, soluble in alcohols and petroleum distillates	<b>Vapor Density:</b>	No data
<b>Partition Coefficient n-octanol/water:</b>	Not Available	<b>Other Data:</b>	Cone penetration (ASTM D217) 395-405
<b>Auto-ignition Temperature:</b>	Not Available		
<b>Decomposition Temperature:</b>	Not Applicable		
<b>VOC Content:</b>	140 g/L (7% by weight)		

## SECTION 10 - STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Hazardous decomposition products:</b>	Carbon monoxide, carbon dioxide
<b>Conditions to avoid:</b>	Extreme heat
<b>Incompatible Materials:</b>	Strong oxidizers

## SECTION 11 - TOXICOLOGICAL INFORMATION

**Toxicity:**  
No Ingredients have established LD50 or LC50 Testing Data.

**STOT - Single Exposure:** No ingredients reported to have specific target organ toxicity.

**STOT - Repeated Exposure:** Product may remove oils from skin.

<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

<b>Ecotoxicity:</b>	No information available for this product regarding toxicity in the environment.
<b>Mobility:</b>	Sinks in water. No data available on mobility in soil.
<b>Degradability:</b>	Not determined for product. Vegetable oil components are readily biodegradable. Mineral oil component is not expected to be readily biodegradable, at <10% in 28 days.
<b>Bioaccumulation:</b>	No data

## SECTION 13 - WASTE DISPOSAL CONSIDERATIONS

Generation of waste should be avoided or minimized where possible. Empty containers may contain residue. Dispose of non-recyclable material via licensed waste disposal operator. Follow all applicable regulations.

## SECTION 14 - TRANSPORT INFORMATION

<b>Proper Shipping Name:</b>	This product is not regulated for transport by USDOT, ADR/RID, IMDG, IATA/ICAO.
<b>Hazard Class:</b>	Not regulated
<b>Secondary Risk:</b>	Not regulated
<b>Identification Number:</b>	Not regulated
<b>Packing Group:</b>	Not regulated
<b>Label Required:</b>	None

TDG INFORMATION	
TDG CLASS:	Not regulated
SHIPPING NAME:	Not regulated
UN NUMBER/PACKING GROUP:	Not regulated

## SECTION 15 - REGULATORY INFORMATION

**Precautionary Label Information:** None

**Symbols:** None

**Risk Phrases:** R38: Irritating to skin.

**Safety Phrases:** S2: Keep out of the reach of children. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S7: Keep container tightly closed when not in use. S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
S9: Keep container in a well-ventilated place.

**Ingredient Listings:** (TSCA): All ingredients listed or exempt. No ingredient in this product is listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) or CERCLA (40 CFR 302.4)

**State Regulations:** No ingredient listed: California Prop 65, Massachusetts Substances, New Jersey Hazardous Substances, and Pennsylvania RTK Hazardous Substances

**International Regulations:**

**Canada DSL/NDSL:** All ingredients listed or exempt.

**Europe Inventory (EINECS):** All ingredients listed or exempt.

**Australia (AICS), China (IECSC), Japan, Korea, New Zealand (NZIoC), and Philippines (PICCS) Inventories:** Some ingredients are not listed.

## 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>	3/14/2018 / Updated GHS Standard Format	
<b>Intended Use of Product:</b>	Pipe Thread Sealant	

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.