



## SAFETY DATA SHEET

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

Date Revised: DEC 2011

Supersedes: SEP 2010

### 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, Carson, CA 90248-3127  
P.O. Box 379, Gardena, CA 90247-0379  
Tel. 1-310-898-3300

EMERGENCY: Transportation: CHEMTEL Tel. 800.255-3924, 813-248-0585 (International)

Medical: Tel. 800.451.8346, 760.602.8703 3E Company (International)

### SECTION 2 - HAZARDS IDENTIFICATION

#### CLASSIFICATION:

Acute Toxicity:	Health	Acute Toxicity:	Environmental	Flammable Liquid	Physical
Skin Irritation:	Not Available	Chronic Toxicity:	Not Available		Category 4
Skin Sensitization:	Category 3				
Eye:	No				
	Category 2B				

LABEL:



OR



Signal Word: Danger

WHMIS CLASSIFICATION: CLASS B, DIVISION 3  
Combustible Liquid

#### Hazard Statements

H223: Flammable material  
H303: May be harmful if swallowed  
H315: Causes skin irritation  
H320: Causes eye irritation  
H336: May cause drowsiness or dizziness

#### Precautionary Statements

P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking  
P261: Avoid breathing dust/fume/gas/mist/vapors/spray  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P337+P313: Get medical advice/attention  
P403+P233: Store in a well ventilated place. Keep container tightly closed  
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
Stoddard Solvent	8052-41-3	222-489-3	Under development	5 - 15

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: Flush eyes immediately with plenty of water for 15 minutes and seek medical advice immediately.  
Skin contact: Wash skin with soap and water. If irritation develops, get medical attention.  
Inhalation: Remove to fresh air. If breathing is stopped, give artificial respiration, preferable mouth to mouth. Seek medical advice.  
Ingestion: Do not induce vomiting and give 1 or 2 glasses of water. Seek medical advice immediately.

### SECTION 5 - FIREFIGHTING MEASURES

Suitable Extinguishing Media:	Foam, CO <sub>2</sub> , dry chemical or water fog.	HMIS	NFPA	0-Minimal
Unsuitable Extinguishing Media:	Water can be used to keep containers cool and to flush spills away from fire exposure.	Health	0	1-Slight
Exposure Hazards:	Inhalation.	Flammability	2	2-Moderate
Combustion Products:	Smoke, fumes, oxides of carbon.	Reactivity	0	3-Serious
Protection for Firefighters:	Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing.	PPE	B	4-Severe

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions: Clear all personnel from area. Do not breathe vapors. Ventilate area of leak or spill. Wear protective equipment positive pressure self contained or air supplied breathing apparatus. Follow confined space entry procedures.  
Environmental Precautions: Prevent product or liquids contaminated with product from entering sewers, drains, soil or open water course.  
Methods for Cleaning up: Recover free product. Add sand, earth or some other suitable adsorbent.  
Materials not to be used for clean up: Not available

### SECTION 7 - HANDLING AND STORAGE

Handling: Avoid breathing of vapor, avoid contact with eyes, skin and clothing. Do not swallow. Use with adequate ventilation.  
Do not eat, drink or smoke while handling.  
Storage: Store in cool dry area in original or equivalent container in accordance with all applicable regulations. Do not expose to extreme heat or flame. Store below 55.5°C (150°F).  
Follow all precautionary information on container label, product bulletins and solvent bonding literature.

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

EXPOSURE LIMITS:	Component	ACGIH TLV	ACGIH STEL	OSHA PEL	OSHA STEL
	Stoddard Solvent	100 ppm	N/E	500 ppm	N/E

Engineering Controls: Use with adequate ventilation

Monitoring: Maintain breathing zone airborne concentrations below exposure limits.

Personal Protective Equipment (PPE):

Eye Protection: Use chemical goggles. If exposure causes eye discomfort, use a full-face respirator.

Skin Protection: Oil impervious gloves for prolonged or repeated skin contact.

Respiratory Protection: Prevent inhalation of the solvents. Use in a well-ventilated room. Open doors and/or windows to ensure airflow and air changes. Use local exhaust ventilation to remove airborne contaminants from employee breathing zone and to keep contaminants below levels listed above.



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### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous, green liquid	Odor Threshold:	No data
Odor:	Linseed-like	Boiling Range:	No data
pH:	Not Applicable	Evaporation Rate:	No data
Melting/Freezing Point:	No data	Flammability:	None
Boiling Point:	No data	Flammability Limits:	LEL: Not Available UEL: Not Available
Flash Point:	71 °C (160 °F) T.C.C. based on Stoddard Solvent	Vapor Pressure:	No data
Specific Gravity:	>1 @23 °C (73.4 °F)	Vapor Density:	No data
Solubility:	> 1%	Other Data: Viscosity:	No data
Partition Coefficient n-octanol/water:	Not Available		
Auto-ignition Temperature:	Not Available		
Decomposition Temperature:	Not Applicable		
VOC Content:	When applied as directed, per SCAQMD Rule 1168, Test Method 316A, VOC content is: ≤250 g/l.		

### SECTION 10 - STABILITY AND REACTIVITY

Stability:	Stable
Hazardous decomposition products:	Oxides of carbon, smoke, fumes
Conditions to avoid:	Extreme heat
Incompatible Materials:	Strong oxidizers, acids

### SECTION 11 - TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Ingestion, Eye and Skin Contact
Acute symptoms and effects:	
Inhalation:	May cause dizziness, headache, loss of coordination and breathing difficulty.
Eye Contact:	May cause tearing, redness, blurred vision and irritation.
Skin Contact:	May cause drying of skin, irritation and dermatitis.
Ingestion:	May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic (long-term) effects:	None known to humans
Toxicity:	LD <sub>50</sub>
Stoddard Solvent	No data
	LC <sub>50</sub>
	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

Ecotoxicity:	No data
Mobility:	No data
Degradability:	No data
Bioaccumulation:	No data

### SECTION 13 - WASTE DISPOSAL CONSIDERATIONS

Follow local and national regulations. Consult disposal expert.

### SECTION 14 - TRANSPORT INFORMATION

Proper Shipping Name:	Flammable Liquid, Toxic, Stoddard Solvent	<b>EXCEPTION for Ground Shipping</b> DOT Limited Quantity: Up to 4L per inner packaging, 30 kg gross weight per package. Consumer Commodity: Depending on packaging, these quantities may qualify under DOT as "ORM-D".
Hazard Class:	3	
Secondary Risk:	6.1 (Stoddard Solvent)	<b>TDG INFORMATION</b> TDG CLASS: FLAMMABLE LIQUID 3. TOXIC 6.1 SHIPPING NAME: Flammable Liquid, Toxic, Stoddard Solvent UN NUMBER/PACKING GROUP: UN 1992, PG III
Identification Number:	UN 1992	
Packing Group:	PG III	
Label Required:	Class 3 Flammable Liquid Class 6.1 Toxic	
Marine Pollutant:	NO	

### SECTION 15 - REGULATORY INFORMATION

Precautionary Label Information:	Flammable, Irritant	Ingredient Listings:	USA TSCA, Europe EINECS, Canada DSL, Australia, AICS, Korea ECL/TCCL, Japan MITI (ENCS)
Symbols:	F, Xi		
Risk Phrases:	R10: Flammable R36/37: Irritating to eyes and respiratory system. R38: Irritating to skin.		R65: Harmful: may cause lung damage if swallowed. R66: Repeated exposure may cause skin dryness or cracking R67: Vapors may cause drowsiness and dizziness
Safety Phrases:	S2: Keep out of the reach of children. S7: Keep container tightly closed when not in use. S9: Keep container in a well-ventilated place. S16: Keep away from sources of ignition. No smoking. S23/25: Toxic by inhalation and if swallowed.		S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S29: Do not empty into drains. S33: Take precautionary measures against static discharges. S37: Wear suitable gloves. S46: If swallowed, seek medical advice immediately and show this container or label. S51: Use only in well ventilated areas.

### 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 Directive on RoHS (Restriction of Hazardous Substances).
E-mail address:	<EHSinfo@ipscorp.com>	
Training necessary:	Yes, training in practices and procedures contained in product literature.	
Reissue date / reason for reissue:	12/14/2011 / Updated GHS Standard Format	
Intended Use of Product:	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.