

GHS SAFETY DATA SHEET

Date Revised: FEB 2010

WELD-ON® DUIT 413[™] Low VOC Plastic Pipe Cement for Electrical Conduit Supersedes: OCT 2009

SECTION I - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PRODUCT USE: SUPPLIER: WELD-ON® DUIT 413TM Low VOC Plastic Pipe Cement for Electrical Conduit

Low VOC Solvent Cement for PVC Plastic Electrical Conduit

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: Tel. 800.424.9300, 703.527.3887 CHEMTREC (International)

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

	CATION:									
	Hea			A	Enviror		Elemente la Lieu	Physical		
Acute Toxicity:		Category 4		Acute Toxicit	•	None Known	Flammable Liqu	IC	Category 2	
Skin Irritation:		Category 3		Chronic Toxi	city:	None Known				
kin Sensitizatio		NO								
ye:		Category 2B								
GHS LABEL:		(!)	OR	*	×	Signal Word: Danger	WHMIS CLASSIFI	CATION: CLAS	SS B, DIVISION 2	
		Hazard Sta	atements				Precautionary	Statements		
1225: Highly flamm	nable liquid an	d vapor				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 P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing				
319: Causes serio	ous eye irritati	on								
332: Harmful if inh	haled									
1335: May cause re	espiratory irrit	ation								
1336: May cause d						P403+P233: Store in a we				
UH019: May form	explosive per	roxides				P501: Dispose of contents	container in accordance	e with local regulation	n	
SECTION 3	- COMF	POSITION/IN	FORMAT	'ION ON II	NGREDIEN	TS				
				CAS#	EINECS #	REACH		CENTRATION		
				100.00.0	000 700 0	Pre-registration Number		by Weight		
etrahydrofuran	. ,			109-99-9 78-93-3	203-726-8	05-2116297729-22-00		10 - 30 20 - 40		
lethyl Ethyl Keto Syclohexanone				108-93-3	201-159-0	05-2116297728-24-00 05-2116297718-25-00		20 - 40 20 - 30		
Acetone				67-64-1		05-2116297713-35-00		20 - 30 5 - 15		
	uanta of this	adhaaiya prad	uat ara liatad			hemical substances ma			at from that listing	
Indicates this c	hemical is s	ubject to the re	porting requi			ne Emergency Planning				
SECTION 4										
Contact with e						tes and seek medical ad				
Skin contact:				0		thoroughly with soap an				
Inhalation:						al respiration. If breathi				
Ingestion:					ses of water of	r milk to dilute. Do not ir	duce vomiting. See	k medical advice	e immediately.	
		IGHTING M		-						
Suitable Extin					on dioxide gas,	foam, Halon, water fog			FPA 0-Minimal	
Unsuitable Ex	-	-	Vater spray o				Health	2	2 1-Slight	
Exposure Haz				dermal conta			Flammability	3	3 2-Moderate	
			ixides of card		h chloride and s		Reactivity	0	0 3-Serious	
Combustion F			olf contained	l broathing an	paratus or full	faco positivo proceuro r	irlino maaka			
Protection for	r Firefighte	r s: S				face positive pressure a	airline masks.		4-Severe	
Protection for SECTION 6	r Firefighte	rs:	LEASE M	EASURES	; ;	· ·	airline masks.		4-Severe	
Protection for	r Firefighte	rs: S DENTAL RE K	LEASE M	EASURES m heat, spark	ks and open fla	ame.				omont
Protection for SECTION 6	r Firefighte	rs: S DENTAL RE K P	LEASE M leep away fro rovide suffici	EASURES om heat, spart ent ventilation	ks and open fla n, use explosio	ame. n-proof exhaust ventilat		ar suitable respir		oment.
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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES Appearance: Clear or gray, medium syrupy liquid Odor: Ketone Odor Threshold: 0.88 ppm (Cyclohexanone) pH: Not Applicable -108.5 °C (-163.3 °F) Based on first melting component: THF Melting/Freezing Point: 56 ℃ (133 °F) to 156 °C (313 °F) **Boiling Range: Boiling Point:** 56 ℃ (133 °F) Based on first boiling component: Acetone **Evaporation Rate:** > 1.0 (BUAC = 1) Flammability: Flash Point: -20 °C (-4 °F) TCC based on Acetone Category 2 Specific Gravity: 0.920 @23℃ (73 °F) Flammability Limits: LEL: 1.1% based on Cyclohexanone Solubility: Solvent portion soluble in water. Resin portion separates out. UEL: 12.8% based on Acetone Partition Coefficient n-octanol/water: Not Available Vapor Pressure: 190 mm Hg @ 20 ℃ (68 °F) Acetone 321 ℃ (610 °F) based on THF Vapor Density: Auto-ignition Temperature: >2.0 (Air = 1) **Decomposition Temperature:** Other Data: Viscosity: Not Applicable Medium bodied VOC Content: When applied as directed, per SCAQMD Rule 1168, Test Method 316A, VOC content is: < 510 g/l. SECTION 10 - STABILITY AND REACTIVITY Stability: Stable Hazardous decomposition products: None in normal use. When forced to burn, this product gives off oxides of carbon, hydrogen chloride and smoke. Conditions to avoid: Keep away from heat, sparks, open flame and other ignition sources. Incompatible Materials: Oxidizers, strong acids and bases, amines, ammonia SECTION 11 - TOXICOLOGICAL INFORMATION Likely Routes of Exposure: Inhalation, Eye and Skin Contact Acute symptoms and effects: Inhalation: Severe overexposure may result in nausea, dizziness, headache. Can cause drowsiness, irritation of eyes and nasal passages. Eye Contact: Vapors slightly uncomfortable. Overexposure may result in severe eye injury with corneal or conjunctival inflammation on contact with the liquid. Skin Contact: Liquid contact may remove natural skin oils resulting in skin irritation. Dermatitis may occur with prolonged contact. Indestion: May cause nausea, vomiting, diarrhea and mental sluggishness. None known to humans Chronic (long-term) effects: LC50 Toxicity: LD50 Tetrahydrofuran (THF) Oral: 2842 mg/kg (rat) Inhalation 3 hrs. 21,000 mg/m³ (rat) Oral: 2737 mg/kg (rat), Dermal: 6480 mg/kg (rabbit) Methyl Ethyl Ketone (MEK) Inhalation 8 hrs. 23,500 mg/m³ (rat) Cyclohexanone Oral: 1535 mg/kg (rat), Dermal: 948 mg/kg (rabbit) Inhalation 4 hrs. 8,000 PPM (rat) Acetone Oral: 5800 mg/kg (rat) Inhalation 50,100 mg/m³ (rat) Reproductive Effects Teratogenicity Sensitization to Product Synergistic Products Mutagenicity Embryotoxicity Not Established Not Established Not Established Not Established Not Established Not Established **SECTION 12 - ECOLOGICAL INFORMATION** Ecotoxicity: None Known Mobility: In normal use, emission of volatile organic compounds (VOC's) to the air takes place, typically at a rate of < 510 g/l. Degradability: Biodegradable **Bioaccumulation:** Minimal to none SECTION 13 - WASTE DISPOSAL CONSIDERATIONS Follow local and national regulations. Consult disposal expert SECTION 14 - TRANSPORT INFORMATION Proper Shipping Name: Adhesives EXCEPTION for Ground Shipping Hazard Class: 3 None Secondary Risk: DOT Limited Quantity: Up to 5L per inner packaging, 30 kg gross weight per package. Identification Number: UN 1133 Consumer Commodity: Depending on packaging, these quantities may qualify under DOT as "ORM-D" Packing Group: PG II Class 3 Flammable Liquid TDG INFORMATION Label Required: TDG CLASS: FLAMMABLE LIQUID 3 NO Marine Pollutant: SHIPPING NAME: ADHESIVES UN NUMBER/PACKING GROUP: UN 1133, PG II SECTION 15 - REGULATORY INFORMATION Ingredient Listings: USA TSCA, Europe EINECS, Canada DSL, Australia Precautionary Label Information: Highly Flammable, Irritant Symbols: F, Xi AICS, Korea ECL/TCCL, Japan MITI (ENCS) **Risk Phrases:** R11: Highly flammable R66: Repeated exposure may cause skin dryness or cracking R20-Harmful by inhalation. R67: Vapors may cause drowsiness and dizziness R36/37: Irritating to eyes and respiratory system. Safety Phrases: S9: Keep container in a well-ventilated place. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S16: Keep away from sources of ignition - No smoking. S33: Take precautionary measures against static discharges S25: Avoid contact with eyes. S46: If swallowed, seek medical advise immediately and show this container or label. **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: 2/23/2010 / Updated GHS Standard Format Intended Use of Product: Solvent Cement for PVC Plastic Pipe

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.