

## **GHS SAFETY DATA SHEET**

WELD-ON<sup>®</sup> 810<sup>™</sup> Low VOC 2-Component Adhesive

Date Revised: FEB 2010

Supersedes: JUN 2009

## SECTION I - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:

WELD-ON<sup>®</sup> 810<sup>™</sup> Low VOC 2-Component Adhesive Kit

PRODUCT USE: 2-Component Kit, Low VOC Adhesive for for bonding large diameter PVC and CPVC pipe and fittings; also bonds ABS, Styrene, Acrylic, FRP (fiberglass-reinforced polyester), aluminum (non-anodized), other metals, concrete, clay and other materials to themselves or to dissimilar materials.

SUPPLIER:

## MANUFACTURER: IPS Corporation

600 Ellis Road, Durham,NC 27703 - USA P.O. Box 12729, Research Triangle Park, NC 27709 - USA Tel. 1-919-598-2400

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

EMERGENCY: Transportation: Tel. 800.424.9300, 703.527.3887 CHEMTREC (International)

SECTION 2 - HAZA	RDS IDENTIF	ICATION							
GHS CLASSIFICATION:						I			
He Acute Toxicity: Skin Irritation: Skin Sensitization: Eye:	alth Category 4 Category 3 YES Category 2B	Acute Toxi Chronic To	city:	nmental Category III Category IV		Flammable Li		hysical Category 2	
GHS LABEL:		OR	×	Signal Word Danger	:	WHMIS CLASS CONTROLLE	D PRODUC		
Highly flammable liquid and	Hazard State vapor May	<u>ments</u> cause irritation/allergic	skin reaction	Do not breath	ie vapor	Precautiona Keep containe	ar <u>y Statemen</u> er closed		ventilated area
SECTION 3 - COMP	OSITION/INF	ORMATION ON	INGREDIEN	TS					
			CAS#	EINECS #	REACH		ONCENTRAT		
Component "A" (Base R Methyl Methacrylate Monom Component "B" (Catalys	ier (MMA),* Stabil	lized	80-62-6	201-297-1	Pre-registratio		% by Weight 45 - 75	-	
Methyl Ethyl Ketone (MEK) Benzoyl Peroxide (BPO)*	,		78-93-3 94-36-0		05-21162977 05-21162977		25 - 60 5 - 12		
All of the constituents of this *Indicates this chemical is s									
SECTION 4 - FIRST	AID MEASU	RES							
Contact with eyes: Skin contact: Inhalation: Ingestion:	Remove contam Remove to fresh	ediately with plenty of v inated clothing and sh air. If breathing is sto n water. Give 1 or 2 g	oes. Wash skin pped, give artifi	thoroughly with thoroughly with the thoroughly with the thore with the the thore with the the the the the the the the the t	h soap and w . If breathing	ater. If irritation is difficult, giv	on develops, e oxygen. S	eek medical a	advice.
SECTION 5 - FIREF	IGHTING ME	ASURES							
Suitable Extinguishing M Unsuitable Extinguishing Exposure Hazards: Combustion Products:	g Media: Wa Inf O>	y chemical powder, ca ater spray or stream. nalation and dermal co kides of carbon, oxides drocarbons, acrid smo	ntact s of nitrogen, hyd	drogen chlorid	-	Health Flammability Reactivity	HMIS 2 3 2	<b>NFPA</b> 2 3 2	0-Minimal 1-Slight 2-Moderate 3-Serious 4-Severe
Protection for Firefighte		elf-contained breathing	•		pressure air-	supply masks.			4-067616
SECTION 6 - ACCIE	DENTAL RELI	EASE MEASURE	S						
Personal precautions: Environmental Precautio Methods for Cleaning up	Pri Pri ns: Pri : Co	eep away from heat, sp ovide sufficient ventila event contact with skir event product or liquid ontain spill with sand o ansfer to a closable ve	tion, use explos n or eyes (see se s contaminated r other inert ads	ion-proof exha ection 8). with product fr orbent or abso	om entering s rbent materia	sewers, drains,	soil or open		protective equipment.
SECTION 7 - HAND			x F	- , - , - , - , - ,	1/				
Handling:       Avoid breathir         Keep away fro       Do not eat, dri         Storage:       Store in ventilia	ng of vapor, avoid m ignition source nk or smoke while ated room or shac m ignition source	contact with eyes, ski s, use only electrically e handling. de and away from diiec s and incompatible ma	grounded handl et sunlight. Keep aterials. Follow a	container tigh all precautiona	tly closed whe	en not in use. on container l			
EXPOSURE LIMITS:		omponent	ACGIH TLV	ACGIH STEL	OSHA PEL	OSHA STEL			
	Methyl Methacry Methyl Ethyl Keto Benzoyl Peroxide	one (MEK)	50 ppm 200 ppm 5 mg/m <sup>3</sup>	100 ppm 300 ppm	100 ppm 200 ppm 5 mg/m <sup>3</sup>	N/E			
Engineering Controls: Monitoring: Personal Protective Equi		st as needed. ng zone airborne conc	entrations below	<i>i</i> exposure limi	ts.				
Eye Protection: Skin Protection:	Avoid contact with Prevent contact	th eyes, wear splashpr with the skin as much esistant gloves or solve	as possible. Bu	tyl rubber glov	es should be	used for freque	ent immersio	n.	
Respiratory Protection:	practices and pro Use in a well-ver and to keep cont	ocedures are used for ntilated room. Use loca aminants below levels roached, use respirato	making structur I exhaust ventila listed above. V	al bonds. ation to remove Vith normal us	e airborne cor	taminants fror	n employee	breathing zon	e

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

SECTION 9 - PHYSI	ICAL AND CHEMICA					
Appearance: Odor:		viscous liquid; "B" Clea lor, "B" Ketone	r, syrupy liquid	Odor Threshold:	"A" 0.75 ppm (MMA)	
P.H.:	Not Applical			Outri mesnola.	"B" 5.4 ppm (MEK)	
Boiling Point:	"A" -100.5℃	C (212.9 °F) Based on first 75 °F) based on MEK	poiling component: MMA	Evaporation Rate: Flammability:	"A" > 1.0 (BUAC = 1), "B" <1 "A" Category 2, "B" Category 4	
Flash Point:		(51 °F) T.C.C. based on MM		Flammability Limits:	LEL: "A" 1.6, "B" - 1.8	
Specific Gravity:		23℃ (73℉), "B" 0.950 @			<b>UEL:</b> "A" 12.5, "B" - 11.5	
Solubility: Auto-ignition Temper	•	າ Water (MMA); "B" 27.5% (789.8℉): MMA, "B" 404 ແ	_ ( )	Vapour Pressure:	"A"-29 mm Hg @ 20℃ (68℉) "B"-71. mm Hg for MEK	
Decomposition Temp			5 (753 T). WER	Vapour Density:	"A" > 3 Air = 1), "B" - N/E	
VOC Content:	"A" <u>&lt;</u> 50 g/l	mixed, "B" N/E		Other Data: Viscosity:	Thick syrupy liquid	
SECTION 10 - STAE Stability:	BILITY AND REACTI	VITY Stable				
Hazardous decompos	sition products:		des of carbon, oxides of nitro	aen. hvdrogen chloride. hvo	drocarbons.	
•	•	acrid smoke and toxic ga				
Conditions to avoid:		-	emperatures above 29 °C (8	5°F), sparks, open flame and	d other ignition sources.	
Incompatible Material	Is: Reducing a	nd oxidizing agents and me	etal contaminants			
SECTION 11 - TOXI	COLOGICAL INFOR	MATION				
ikely Routes of Exposure		Eye and Skin Contact				
Acute symptoms and effect			- haadaaha Qaalaayaa du			
Inhalation: Eye Contact:			s, headache. Can cause dro		ammation on contact with the liqui	Ч
Skin Contact:			in skin irritation. Dermatitis	,		u.
Ingestion:	May cause nausea, vomit	ing, diarrhea and mental sl				
Chronic (long-term) effects	s: None knowr					
Toxicity:		LD50 Orali 2000 mar/line (rat)	)	LC50		
Methyl Methacrylate Monom Methyl Ethyl Ketone (MEK)	ier (IMMA)		0ermal: >35000 mg/kg (rabbi 0ermal: 6480 mg/kg (rabbit)	<ul> <li>Inhalation: 3 hrs. 7093 Pl</li> <li>Inhalation 8 hrs. 23,500 r</li> </ul>		
Benzoyl Peroxide paste in p	roprietary plasticizer	Oral: 6400 mg/kg (rat), L	ermai. 0400 mg/kg (rabbit)	Oral: 2 mg/l 96 hours (gu	0 ( )	
Reproductive Effects	Teratogenicity	Mutagenicity	Embryotyxicity	Sensitization to Produc		
	Not Established	Not Established	Not Established	Not Established	Not Established	
Not Established	•					
Not Established	LOGICAL INFORMA	TION				
Not Established SECTION 12 - ECOI Ecotoxicity:	LOGICAL INFORMA				-0 //	
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Not Established SECTION 12 - ECOI Ecotoxicity: Mobility: Degradability: BioAccumulation: SECTION 13 - WAS Follow local and national SECTION 14 - TRAN Proper Shipping Name: Hazard Class: Secondary Risk Identification Number: Packing Group:	In normal use, emission o Not Established Not Established <b>TE DISPOSAL CONS</b> regulations. Consult local of <b>SPORT INFORMAT</b> Adhesives 3 None UN 1133 PG II	f volatile organic compound SIDERATIONS disposal expert. ION DOT Limit Consume	EXCEP ed Quantity: Up to 5L per in Commodity: Depending or	TION for Ground Shipping iner packaging, 30 kg gross i packaging, these quantities	weight per package.	Л-D" .
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