IPS								Date Rev	vised: NOV 2007		
WELD-ON		MATEF	RIAL SAF	ETY DA	TA SHE	ET		Superse	des: APR 2007		
Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act and shall not be used for any other purpose.											
IPS Corporation urges the customers receiving this Material Safety Data Sheet to study it carefully to become aware of the hazards, if any, of the product involved.											
In the interest of safety, you should notify											
	SE	ECTION	II-PRO	DUCT IN	FORMA	TION					
MANUFACTURER'S NAME					Transporta	ation Emerg	encies:				
IPS Corporation CHEMTREC: (800) 424-9300											
ADDRESS						mergencies					
17109 S. Main St., P.O. Box 379, Garder	na, CA. 90248						ur No.) (800)	451-8346			
CHEMICAL NAME and FAMILY				TRADE NAM		(310) 898-3	300				
Mixture of Organic Solvents						or PVC and C	PVC Plastic F	Pipe			
Adhesive Primer for Plastic				WELD-ON P-70 Primer for PVC and CPVC Plastic Pipe FORMULA: Proprietary							
SECTION II - HAZAR	DOUS II	NGRED	IENTS. É	XPOSU	RE LÍM	ITS. &	TRANS	PORT	DATA		
None of the ingredients below are listed											
carcinogens by IARC, NTP or OSHA	CAS#	APPROX %	ACGIH-TLV	ACGIH-STEL	OSHA-PEL	OSHA-STEI	_ LD50		LC50		
Tetrahydrofuran (THF)**	109-99-9	45 - 59	#50 PPM Skin	100 PPM	200 PPM	250 PPM	Oral: 2880 mg/	kg (rat)	Inhalation 3 hrs.		
									21,000 PPM (rat)		
Methyl Ethyl Ketone (MEK)	78-93-3	19 - 29*	200 PPM	300 PPM	200 PPM	300 PPM	Oral: 3.98 g/kg	(rat)	Inhalation 4 hrs.		
							Dermal: 8-10 m		, , ,		
Cyclohexanone	108-94-1	5 - 15	20 PPM Skin		50 PPM		Oral: 1900 mg/	• • •	Inhalation LCLO (rat)		
Acetone	67-64-1	5 - 20	500 PPM	750 PPM	750 PPM	1000 DDM	Dermal: 1.0 g/k Oral: 9.75 g/kg		4 hrs: 2,000 PPM Inhalation LCLO		
Acetone	07-04-1	5-20	500 FFINI	750 FFM	750 FFIVI		Dermal: 20 g/kg		4 hrs: 16,000 PPM (ra		
			TOON								
All of the constituents of Weld-On adhes	•			,			· ·		-		
* Title III Section 313 Supplier Notification								-			
and Community Right-to-Know Act of 1											
# Invista and BASF Acceptable Exposu **Information found in a report from the N											
tumors in animals. In the study the rats a			. ,						,		
results showed evidence of liver tumors		•		•							
data linking Tetrahydrofuran exposure w											
BULK SHIPPING INFORMATION / CON		RGER THAN	ONE LITER		S		ZARD DESIGN				
DOT Shipping Name: Flammable L	-	thul Katana)		HEALTH:		HMIS 2	NFPA 2		R D RATING 11NIMAL		
DOT Hazard Class: 3	uran, Methyl Et	inyi Kelone)		FLAMMABIL	τv	2	2	-			
Identification Number: UN 1993				REACTIVITY		0	1	-	IODERATE		
Packaging Group: II				PROTECTIV		Ū			ERIOUS		
						B - H 4 - SEVERE					
SHIPPING INFORMATION FOR CONTA	INERS LESS	THAN ONE L	ITER	B = Eve. Har	d/Skin (for no	ormal solven	t-welding activ	ities)			
DOT Shipping Name: Consumer C							•	,	Apron (splash/		
DOT Hazard Class: ORM-D	-			immersio	on risks)						
		SECTI	ON III - P	HYSICA							
APPEARANCE											
Purple or clear, thin liquid				151 °F (67 °C) Based on first boiling component: T					component: THE		
r uple of clear, triff liquid									component. I'm		
SPECIFIC GRAVITY @ 73 °F ± 3.6° (23 °C ± 2°) VAPOR PRESSURE (mm				n Hg.) PERCENT VOLATILE BY VOLUM				Y VOLUM	IE (%)		
Typical 0.860 ± 0.040		143 mm He	g. based on first	0							
component, THF @ 68 °F											
. ,	VAPOR DENSITY (Air = 1) EVAPORATION RATE (B										
2.49		> 1.0				Completel	y soluble in wa	iter.			
VOC STATEMENT: Maximum VOC emi	ssions when ar	nlied and to	sted ner SCAON	/D Rule 1169	Test Mathod	3164: 550 (Grame/Liter (or	۳) ا			
								·/·			
FLASH POINT	JEUNC	/ -					DAIA	LEL	UEL		
-4°F (-20°C) T.C.C. Based on THF						LE LIMITS BY VOLUME	=)	2.0	11.8		
FIRE EXTINGUISHING MEDIA					I LUCENT		-/	2.0	11.0		
Ansul "Purple K" potassium bicarbonate Use of a water fog by trained personnel of		, ,, ,		dry chemical, c	arbon dioxide	e or foam ext	inguisher can	be used fo	or small fires.		
SPECIAL FIRE FIGHTING PROCEDURES											
Evacuate enclosed areas. Stay upwind. Close quarters or confined spaces require self-contained breathing apparatus, positive pressure mask or airline mask.											
Use of a water fog by trained personnel can extinguish small/large fires and avoid water flow or water streams/spray distributing burning material or contaminated											
water over a large area or into sewers or											
inder erer analge area er inte eenere er	storm drains.	Use water sp	oray to cool cont	tainers, to flush	spills from s	ource of igni	tion and to dis	perse vap	ors.		
		Use water sp	pray to cool cont	tainers, to flush	spills from s	ource of igni	tion and to dis	perse vap	ors.		
UNUSUAL FIRE AND EXPLOSION HAZ	ARDS	-									
	ARDS	-									

SECTION V - HEALTH HAZARD DATA										
PRIMARY ROU OF ENTRY:	UTES	х	Inhalation	X	Skin Contact	Eye Contact	Ingestion			
EFFECT OF OVEREXPOSURE ACUTE: Inhalation: Severe overexposure may result in nausea, dizziness, headache. Can cause drowsiness, irritation of eyes and nasal passages. Skin Contact: Skin irritant. Liquid contact may remove natural skin oils resulting in skin irritation. Dermatitis may occur with prolonged contact. Skin Absorption: Prolonged or widespread exposure may result in the absorption of harmful amounts of material. Eye Contact: Overexposure may result in severe eye injury with corneal or conjuctival inflammation on contact with the liquid. Vapors slightly uncomfortable. Ingestion: Moderately toxic. May cause nausea, vomiting, diarrhea. May cause mental sluggishness. CHRONIC: Symptoms of respiratory tract irritation and damage to respiratory epithelium were reported in rats exposed to 5000 ppm THF for 90 days. Elevation of SGPT suggests a disturbance in liver function. The NOEL was reported to be 200 ppm.										
REPRODUCTIVE EFFECTS TERATOGENICITY MUTAGENICITY EMBRYOTOXICITY SENSITIZATION TO PRODUCT SYNERGISTIC PRODUCTS N. AP. N. AP. N. AP. N. AP. N. AP. N. AP. N. AV.										
susceptibility to	o the toxicity of	of excessive	exposures.	RE: Individu	als with pre-existing dis	seases of the eyes, ski	n or respiratory system may have increased			
EMERGENCY AND FIRST AID PROCEDURES Inhalation: If overcome by vapors, remove to fresh air and if breathing stopped, give artificial respiration. If breathing is difficult, give oxygen. Call physician. Eve Contact: Flush eyes with plenty of water for 15 minutes and call a physician. Skin Contact: Remove contaminated clothing and shoes. Wash skin with plenty of soap and water for at least 15 minutes. If irritation develops, get										
medical attention. Ingestion: Give 1 or 2 glasses of water or milk. Do not induce vomiting. Call physician or poison control center immediately.										
SECTION VI - REACTIVITY										
STABILITY UNSTABLE CONDITIONS TO AVOID STABLE X Keep away from heat, sparks, open flame and other sources of ignition. INCOMPATIBILITY (MATERIALS TO AVOID) Caustics, ammonia, inorganic acids, chlorinated compounds, strong oxidizers and isocyanates. HAZARDOUS DECOMPOSITION PRODUCTS When forced to burn, this product gives out carbon monoxide, carbon dioxide, hydrogen chloride and smoke.										
HAZARDOUS	HAZARDOUS MAY OCCUR CONDITIONS TO AVOID									
		WILL NOT			SPILL OR LE					
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Eliminate all ignition sources. Avoid breathing of vapors. Keep liquid out of eyes. Flush with large amount of water. Contain liquid with sand or earth. Absorb with sand or nonflammable absorbent material and transfer into steel drums for recovery or disposal. Prevent liquid from entering drains.										
WASTE DISPOSAL METHOD Follow local, State and Federal regulations. Consult disposal expert. Can be disposed of by incineration. Excessive quantities should not be permitted to enter drains. Empty containers should be air dried before disposing. Hazardous Waste Code (CA): 214.										
SECTION VIII - SPECIAL PROTECTION INFORMATION										
RESPIRATORY PROTECTION (Specify type) Atmospheric levels should be maintained below established exposure limits contained in Section II. If airborne concentrations exceed those limits, use of a NIOSH approved organic vapor cartridge respirator with full face-piece is recommended. The effectiveness of an air purifying respirator is limited. Use it only for a single short-term exposure. For emergency and other conditions where short-term exposure guidelines may be exceeded, use an approved positive pressure self-contained breathing apparatus.										
VENTILATION Use only with adequate ventilation. Provide sufficient ventilation in volume and pattern to keep contaminants below applicable exposure limits set forth in Section II. Use only explosion proof ventilation equipment.										
	s or solvent re	esistant barr	ier creme shoul	d provide ad	dipping/immersion. Us dequate protection whe stic welded pipe joints.		EYE PROTECTION Splashproof chemical goggles, face shield, safety glasses (spectacles) with brow guards and side shields, etc. as appropriate for exposure.			
OTHER PROTECTIVE EQUIPMENT AND HYGIENIC PRACTICES Impervious apron and a source of running water to flush or wash the eyes and skin in case of contact.										
SECTION IX - SPECIAL PRECAUTIONS										
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Store in the shade between 40°F - 110°F (5°C - 43.7°C). Keep away from heat, sparks, open flame and other sources of ignition. Avoid prolonged breathing of vapor. Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Train employees on all special handling procedures before they work with this product.										
OTHER PRECAUTIONS Follow all precautionary information given on container label, product bulletins and our solvent cementing literature. All material handling equipment should be electrically grounded.										
The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.										
					Sheet 2 of 2		ff-d			