

IPS WELD-ON		MATERIAL SAFETY DATA SHEET				Date Revised: MAR 2003 Supersedes: OCT 2001																				
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 your employees, agents and contractors of the information on this sheet.																										
SECTION I																										
MANUFACTURER'S NAME IPS Corporation ADDRESS 17109 S. Main St., P.O. Box 379, Gardena, CA, 90248				Transportation Emergencies: CHEMTREC: (800) 424-9300 or 3 E COMPANY (800) 451-8346 Medical Emergencies: 3 E COMPANY (24 Hour No.) (800) 451-8346 Business: (310) 898-3300																						
CHEMICAL NAME and FAMILY Mixture of Organic Solvents				TRADE NAME: WELD-ON 3 & WELD-ON 4 for Acrylic FORMULA: Proprietary																						
SECTION II - HAZARDOUS INGREDIENTS																										
Two of the ingredients listed below are listed as a carcinogen (†) by the IARC and/or NTP																										
	CASH	APPROX %	ACGIH-TLV	ACGIH-STEL	OSHA-PEL	OSHA-STEL																				
Methylene Chloride (†)	75-09-2	41 - 91*	50 PPM		25 PPM	125 PPM																				
Trichloroethylene (†)	79-01-6	10 - 50*	50 PPM	100 PPM	50 PPM	200 PPM																				
Methyl Methacrylate Monomer	80-62-6	1 - 15	100 PPM		100 PPM																					
All of the constituents of Weld-On adhesive products are listed on the TSCA inventory of chemical substances maintained by the US EPA, or are exempt from that listing.																										
*Title III Section 313 Supplier Notification: This product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40CFR372. This information must be included in all MSDS's that are copied and distributed for this material.																										
PROPOSITION 65 NOTICE																										
This product contains chemicals known to the state of California to cause cancer.																										
This material is an aspiration hazard and defats the skin. The ingredients are toxic by inhalation and ingestion and may be absorbed through the skin. Exposure by these routes may cause central nervous system depression, liver and kidney damage and may sensitize the heart muscle. Methylene Chloride may interfere with the oxygen carrying capacity of the blood. Methylene Chloride and Trichloroethylene are possible human cancer hazards based on test results with laboratory animals. Methylene Chloride has been listed as a potential carcinogen by IARC and NTP. Trichloroethylene has not been identified as a carcinogen by IARC, NTP, ACGIH or OSHA. Methylene Chloride is not believed to pose a measureable risk to man when handled as recommended. Under some circumstances, mutagenic changes have been observed with Methyl Methacrylate in animal studies. Precautions should be taken to avoid unnecessary exposure to this cement.																										
BULK SHIPPING INFORMATION / CONTAINERS LARGER THAN ONE GALLON				SPECIAL HAZARD DESIGNATIONS																						
DOT Shipping Name: Dichloromethane DOT Hazard Class: 6.1 Identification Number: UN 1593 Packaging Group: III Label Required: Toxic - 6				<table border="1"> <thead> <tr> <th></th> <th>HMIS</th> <th>NFPA</th> <th>HAZARD RATING</th> </tr> </thead> <tbody> <tr> <td>HEALTH:</td> <td>3</td> <td>2</td> <td>0 - MINIMAL</td> </tr> <tr> <td>FLAMMABILITY:</td> <td>1</td> <td>1</td> <td>1 - SLIGHT</td> </tr> <tr> <td>REACTIVITY:</td> <td>0</td> <td>0</td> <td>2 - MODERATE</td> </tr> <tr> <td>PROTECTIVE EQUIPMENT:</td> <td>B - H</td> <td></td> <td>3 - SERIOUS 4 - SEVERE</td> </tr> </tbody> </table>				HMIS	NFPA	HAZARD RATING	HEALTH:	3	2	0 - MINIMAL	FLAMMABILITY:	1	1	1 - SLIGHT	REACTIVITY:	0	0	2 - MODERATE	PROTECTIVE EQUIPMENT:	B - H		3 - SERIOUS 4 - SEVERE
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PROTECTIVE EQUIPMENT:	B - H		3 - SERIOUS 4 - SEVERE																							
SHIPPING INFORMATION FOR CONTAINERS LESS THAN ONE GALLON				B = Eye, Hand/Skin Protection (Normal use or application & small spill clean-up activities) H = Eye, Hand/Skin and Respiratory Protection plus Impermeable Apron (When risk of immersion, dipping and/or splashing is present)																						
DOT Shipping Name: Consumer Commodity DOT Hazard Class: ORM-D																										
SECTION III - PHYSICAL DATA																										
APPEARANCE Clear, thin liquid		ODOR Characteristic odor of chlorinated solvents		BOILING POINT (°F/°C) 104°F (40°C) Based on first boiling component: Methylene Chloride																						
SPECIFIC GRAVITY @ 73°F ± 3.6° (23°C ± 2°) Typical 1.33 to 1.40 ± 0.040		VAPOR PRESSURE (mm Hg.) 355 mm Hg. @ 68°F (20°C) based on first boiling component, Methylene Chloride		PERCENT VOLATILE BY VOLUME (%) 100%																						
VAPOR DENSITY (Air = 1) 2.93 based on Methylene Chloride		EVAPORATION RATE (BUAC = 1) Approx. 14.5 based on Methylene Chloride		SOLUBILITY IN WATER Slightly miscible																						
VOC STATEMENT: Maximum VOC emissions as applied and tested per SCAQMD Rule 1168, Test Method 316A: 250 Grams/Liter (g/l). Meets VOC emission limits for Plastic Cement Welding.																										
SECTION IV - FIRE AND EXPLOSION HAZARD DATA																										
FLASH POINT NONE		FLAMMABLE LIMITS (Percent by Volume)			LEL N/A	UEL N/A																				
FIRE EXTINGUISHING MEDIA Dry chemical, carbon dioxide or foam. Water may be an ineffective extinguishing agent.																										
SPECIAL FIRE FIGHTING PROCEDURES The use of a SCBA is recommended for fire fighters. Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes.																										
UNUSUAL FIRE AND EXPLOSION HAZARDS Avoid hot surfaces and other sources of ignition.																										