

IPS WELD-ON		MATERIAL SAFETY DATA SHEET		Date Revised: JAN 2004 Supersedes: JUL 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 Alcohol/Glycol and inorganic compounds			TRADE NAME: WELD-ON White Seal Pipe Joint Compound FORMULA: Proprietary		
SECTION II - HAZARDOUS INGREDIENTS					
None of the ingredients below are listed as carcinogens by IARC, NTP or OSHA					
	CAS#	APPROX %	ACGIH-TLV	ACGIH-STEL	OSHA-PEL OSHA-STEL
Isopropyl Alcohol	67-63-0	4 - 12*	400 PPM	500 PPM	400 PPM
Butyl Cellosolve (Ethylene Glycol n-Butyl Ether)	111-76-2	13 - 18	25 PPM		50 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 list					
* 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.					
BULK SHIPPING INFORMATION / CONTAINERS LARGER THAN ONE LITER			SPECIAL HAZARD DESIGNATIONS		
DOT Shipping Name: Adhesive			HMIS	NFPA	HAZARD RATING
DOT Hazard Class: 3			HEALTH: 1	1	0 - MINIMAL
Identification Number: UN 1133			FLAMMABILITY: 2	2	1 - SLIGHT
Packaging Group: II			REACTIVITY: 0	0	2 - MODERATE
Label Required: Flammable Liquid			PROTECTIVE		3 - SERIOUS
			EQUIPMENT: G		4 - SEVERE
SHIPPING INFORMATION FOR CONTAINERS LESS THAN ONE LITER			G = Eye, Hand/Skin and Respiratory Protection.		
DOT Shipping Name: Consumer Commodity					
DOT Hazard Class: ORM-D					
SECTION III - PHYSICAL DATA					
APPEARANCE White, paste-like	ODOR Mild		BOILING POINT (°F/°C) 180°F (83°C)		
SPECIFIC GRAVITY @ 73°F ± 3.6° (23°C ± 2°) Typical 1.41	VAPOR PRESSURE (mm Hg.) 0.88 mm Hg. @ 78°F (25°C)		PERCENT VOLATILE BY VOLUME (%) 20 - 40%		
VAPOR DENSITY (Air = 1) >1	EVAPORATION RATE (BUAC = 1) 0.6		SOLUBILITY IN WATER Slight		
VOC STATEMENT: Maximum VOC as manufactured: 200 Grams/Liter.					
SECTION IV - FIRE AND EXPLOSION HAZARD DATA					
FLASH POINT 82°F (28°C), P-M. C. C. (ASTM D93-80)		FLAMMABLE LIMITS (PERCENT BY VOLUME)		LEL 1.1	UEL 10.6
FIRE EXTINGUISHING MEDIA Carbon dioxide, dry chemical or water.					
SPECIAL FIRE FIGHTING PROCEDURES Wear self-contained breathing apparatus.					
UNUSUAL FIRE AND EXPLOSION HAZARDS Contact with strong oxidizers may cause fires or explosions. Carbon monoxide may be released.					

SECTION V - HEALTH HAZARD DATA							
PRIMARY ROUTES OF ENTRY: _____ X _____ Inhalation _____ X _____ Skin Contact _____ Eye Contact _____ X _____ Ingestion							
EFFECT OF OVEREXPOSURE ACUTE: INHALATION: SKIN CONTACT: EYE CONTACT: INGESTION: May cause headache/dizziness in confined areas. May cause mild irritation (rash) to sensitive skin. Possible eye irritation. May cause upset stomach. CHRONIC: None currently known.							
REPRODUCTIVE EFFECTS TERATOGENICITY MUTAGENICITY EMBRYOTOXICITY SENSITIZATION TO PRODUCT SYNERGISTIC PRODUCTS N. AP. N. AP. N. AP. N. AP. N. AP. N. AV.							
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Possibly pre-existing skin and pulmonary conditions.							
EMERGENCY AND FIRST AID PROCEDURES INHALATION: EYE CONTACT: SKIN CONTACT: INGESTION: Remove patient to fresh air/well ventilated area. If necessary, consult a physician. Flush with water for 15 minutes. If irritation persists, get medical attention. Remove contaminated clothing and shoes. Wash skin with plenty of soap and water for at least 15 minutes. If irritation develops, get medical attention. Wash clothes before reuse. Do not induce vomiting. Call physician or poison control center immediately.							
SECTION VI - REACTIVITY							
STABILITY	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">UNSTABLE</td> <td style="width: 50px;"></td> </tr> <tr> <td style="padding: 2px;">STABLE</td> <td style="text-align: center; padding: 2px;">X</td> </tr> </table>	UNSTABLE		STABLE	X	CONDITIONS TO AVOID Avoid contact with any source of ignition.	
UNSTABLE							
STABLE	X						
INCOMPATIBILITY (MATERIALS TO AVOID) Liquid oxygen systems, liquid sodium, gaseous flourine, strong oxidizers.							
HAZARDOUS POLYMERIZATION	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">MAY OCCUR</td> <td style="width: 50px;"></td> </tr> <tr> <td style="padding: 2px;">WILL NOT OCCUR</td> <td style="text-align: center; padding: 2px;">X</td> </tr> </table>	MAY OCCUR		WILL NOT OCCUR	X	CONDITIONS TO AVOID N/A	
MAY OCCUR							
WILL NOT OCCUR	X						
SECTION VII - SPILL OR LEAK PROCEDURES							
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Contain liquid with sand, earth, or other absorbent material. Use normal good housekeeping procedures.							
WASTE DISPOSAL METHOD Follow all Local, State and Federal regulations. Consult disposal expert.							
SECTION VIII - SPECIAL PROTECTION INFORMATION							
RESPIRATORY PROTECTION (Specify type) None required with normal ventilation. Avoid breathing of fumes. If used in a confined area, an appropriate respirator may be necessary.							
VENTILATION Provide adequate ventilation. (Normal ventilation is adequate.)							
PROTECTIVE GLOVES Rubber or polyethylene		EYE PROTECTION Chemical goggles					
OTHER PROTECTIVE EQUIPMENT AND HYGIENIC PRACTICES Wear protective gloves to prevent possible skin absorption and dermatitis. Keep out of reach of children.							
SECTION IX - SPECIAL PRECAUTIONS							
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Store in the shade, away from heat or open flame. Close container after use.							
OTHER PRECAUTIONS Follow all precautionary information given on container label and product bulletins. 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.							