IPS

WELD-ON

MATERIAL SAFETY DATA SHEET

Supersedes: JUL 2001

Date Revised: JAN 2004

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

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 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.

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

DOT Shipping Name: Consumer Commodity

DOT Hazard Class: ORM-D

G = Eye, Hand/Skin and Respiratory Protection.

SECTION I	II - PHYS	SICAL D	ATA
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APPEARANCE	ODOR	BOILING POINT (°F/°C)
White, paste-like	Mild	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	FLAMMABLE LIMITS	LEL	UEL
82°F (28°C), P-M. C. C. (ASTM D93-80)	(PERCENT BY VOLUME)	1.1	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.

Sheet 1 of 2

RIMARY ROUTES OF ENTRY: X Inhalation X Skin Contact Eye Contact X Ingestion FFECT OF OVEREXPOSURE CUTE: INHALATION: May cause headache/dizziness in confined areas. SKIN CONTACT: May cause mild irritation (rash) to sensitive skin. EYE CONTACT: Possible eye irritation. INGESTION: May cause upset stomach. CHRONIC: None currently known. EPRODUCTIVE EFFECTS TERATOGENICITY MUTAGENICITY EMBRYOTOXICITY SENSITIZATION TO PRODUCT SYNERGISTIC PRODUCTS N. AP. N. AP. N. AP. N. AP. N. AP. N. AV.
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IEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Possibly pre-existing skin and pulmonary conditions.
MERGENCY AND FIRST AID PROCEDURES
INHALATION: Remove patient to fresh air/well ventilated area. If necessary, consult a physician. EYE CONTACT: Flush with water for 15 minutes. If irritation persists, get medical attention. 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. Wash clothes before reuse. INGESTION: Do not induce vomiting. Call physician or poison control center immediately.
SECTION VI - REACTIVITY
TABILITY UNSTABLE CONDITIONS TO AVOID STABLE X Avoid contact with any source of ignition.
NCOMPATIBILITY MATERIALS TO AVOID) Liquid oxygen systems, liquid sodium, gaseous flourine, strong oxidizers.
IAZARDOUS MAY OCCUR CONDITIONS TO AVOID OLYMERIZATION WILL NOT OCCUR X N/A
SECTION VII. SPILL OF LEAK PROCEDURES
SECTION VII - SPILL OR LEAK PROCEDURES TEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Contain liquid with sand, earth, or other absorbent material. Use normal good housekeeping procedures.
VASTE DISPOSAL METHOD ollow all Local, State and Federal regulations. Consult disposal expert.
SECTION VIII - SPECIAL PROTECTION INFORMATION
ESPIRATORY PROTECTION (Specify type) lone required with normal ventilation. Avoid breathing of fumes. If used in a confined area, an appropriate respirator may be necessary.
ENTILATION rovide adequate ventilation. (Normal ventilation is adequate.)
ROTECTIVE GLOVES Lubber or polyethylene EYE PROTECTION Chemical goggles
OTHER PROTECTIVE EQUIPMENT AND HYGIENIC PRACTICES Vear protective gloves to prevent possible skin absorption and dermatitis. Keep out of reach of children.
SECTION IX - SPECIAL PRECAUTIONS
RECAUTIONS TO BE TAKEN IN HANDLING AND STORING store in the shade, away from heat or open flame. Close container after use.
OTHER PRECAUTIONS ollow 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 orm the use thereof. Sheet 2 of 2 S-1