

IPS	MATERIAL SAFETY DATA SHEET				Date Revised: FEB 2005	
WELD-ON					Supersedes: JUL 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 17109 S. Main St., P.O. Box 379, Gardena, CA. 90248				Transportation Emergencies: CHEMTREC: (800) 424-9300 Medical Emergencies: 3 E COMPANY (24 Hour No.) (800) 451-8346 Business: (310) 898-3300		
CHEMICAL NAME and FAMILY Mixture of Epoxy and Polyamide Resins			TRADE NAME: WELD-ON Epoxy Putty Stick 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
Epoxy Resin #	N/A	30	N/A	N/A	N/A	N/A
Polyamide Resins #	N/A	30	N/A	N/A	N/A	N/A
# Not considered hazardous Listed here for Medical Information						
# Title III Section 313 Supplier Notification: This product contains no 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.						
SHIPPING INFORMATION				NO SPECIAL HAZARD DESIGNATIONS		
DOT Shipping Name: N/A DOT Hazard Class: N/A Identification Number: N/A Packaging Group: N/A Label Required: N/A Not considered a hazardous material or "dangerous goods" for transport				HEALTH:	HMIS	NFPA
				FLAMMABILITY:	0	0
				REACTIVITY:	0	0
				PROTECTIVE EQUIPMENT:	None	HAZARD RATING
						0 - MINIMAL
						1 - SLIGHT
						2 - MODERATE
						3 - SERIOUS
						4 - SEVERE
SECTION III - PHYSICAL DATA						
APPEARANCE Gray, paste-like		ODOR Mild Amine		BOILING POINT (°F/°C) N/A		
SPECIFIC GRAVITY @ 73°F ± 3.6° (23°C ± 2°) 1.5		VAPOR PRESSURE (mm Hg.) Negligible		PERCENT VOLATILE BY VOLUME (%) Negligible		
VAPOR DENSITY (Air = 1) N/A		EVAPORATION RATE (BUAC = 1) Negligible		SOLUBILITY IN WATER Insoluble		
VOC STATEMENT: Maximum VOC as manufactured: 200 Grams/Liter (g/l).						
SECTION IV - FIRE AND EXPLOSION HAZARD DATA						
FLASH POINT None		FLAMMABLE LIMITS (PERCENT BY VOLUME)			LEL	UEL
					N/A	N/A
FIRE EXTINGUISHING MEDIA Carbon dioxide, dry chemical, foam or water spray.						
SPECIAL FIRE FIGHTING PROCEDURES None						
UNUSUAL FIRE AND EXPLOSION HAZARDS Carbon monoxide (CO), Oxides of Nitrogen (NO2), Aldehydes and Acids may be formed/released in the event of fire.						

SECTION V - HEALTH HAZARD DATA

PRIMARY ROUTES

OF ENTRY: Inhalation Skin Contact Eye Contact Ingestion

EFFECT OF OVEREXPOSURE

ACUTE and CHRONIC: None currently known.

INHALATION: May cause headache/dizziness or pulmonary irritation.

SKIN CONTACT: May result in reversible irritation (rash) to skin.

EYE CONTACT: May result in reversible eye irritation.

INGESTION: Do not induce vomiting. Consult a physician.

REPRODUCTIVE EFFECTS	TERATOGENICITY	MUTAGENICITY	EMBRYOTOXICITY	SENSITIZATION TO PRODUCT	SYNERGISTIC PRODUCTS
N. AP.	N. AP.	N. AP.	N. AP.	N. AP.	N. AP.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Possibly pre-existing skin and pulmonary conditions.

EMERGENCY AND FIRST AID PROCEDURES

In all cases, remove source(s) of exposure.

INHALATION: Remove patient to fresh air/well ventilated area. Give oxygen if breathing is difficult. Give artificial respiration if breathing has stopped. If necessary, consult a physician.

EYE CONTACT: Flush with flowing 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

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATIBILITY

(MATERIALS TO AVOID) Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS

When forced to burn, this product gives out carbon monoxide, carbon dioxide and other combustion products of hydrocarbons.

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Extinguish ignition source. Keep out of waterways

WASTE DISPOSAL METHOD

Follow all Local, State and Federal regulations. Material may be classed as hazardous through use. Incineration may be permissible. Consider recycling. Consult disposal expert.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

None required with normal ventilation.

VENTILATION

Provide adequate ventilation. (Normal, general area ventilation is adequate.)

PROTECTIVE GLOVES

Oil resistant

EYE PROTECTION

Safety glasses or splash goggles

OTHER PROTECTIVE EQUIPMENT AND HYGIENIC PRACTICES

If contact is likely, an oil resistant apron and shoes should be worn to prevent prolonged contact. Keep out of the reach of children.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in the shade, away from hot surfaces, sparks or open flame. Do not use torch to cut or weld near container.

OTHER PRECAUTIONS

Follow all precautionary information given on container label and product bulletins. Clothing soiled by this product should be laundered prior to reuse. Prevent eye contact.

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.