



GHS SAFETY DATA SHEET

Date Revised: APR 2015
Supersedes: MAY 2014

WELD-ON® Epoxy Putty Stick

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: WELD-ON® Epoxy Putty Stick
PRODUCT USE: Pipe Thread Sealant
SUPPLIER:

MANUFACTURER: IPS Corporation
17109 South Main Street, Gardena, CA 90248-3127
P.O. Box 379, Gardena, CA 90247-0379
Tel. 1-310-898-3300

EMERGENCY: Transportation: CHEMTEL Tel. 800-255-3924, +1 813-248-0585 (International) **Medical:** CHEMTEL Tel. 800-255-3924, +1 813-248-0585 (International)

SECTION 2 - HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

Health	Environmental	Physical
Acute Toxicity: Not Established	Acute Toxicity: None Known	None Known
Skin Irritation: Category 2	Chronic Toxicity: None Known	
Skin Sensitization: Category 1		
Eye: Category 2B		

GHS LABEL:



Signal Word:
Warning

WHMIS CLASSIFICATION:
Not Regulated

Hazard Statements	Precautionary Statements
H315: Causes skin irritation H317: May cause an allergic skin reaction H320: Causes eye irritation	P261: Avoid breathing dust P264: Wash thoroughly after handling P272: Contaminated work clothing should not be allowed out of the work place P280/P284: Wear protective gloves/protective clothing/eye protection/face protection

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

	CAS#	EINECS #	REACH	CONCENTRATION
			Pre-registration Number	% by Weight
EPOXY RESIN	25068-38-6	N/E	Not Established	10-30%
2,4,6-TRIS (DIMETHYLAMINOMETHYL) PHENOL	90-72-7	202-013-9	Not Established	1-5%
CRYSTALLINE SILICA (non respirable)	14808-60-7	238-878-4	Not Established	0.1-1%

All of the constituents of this adhesive product are listed on the TSCA inventory of chemical substances maintained by the US EPA, or are exempt from that listing. *Indicates this chemical is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40CFR372). # indicates that this chemical is found on Proposition 65's List of chemicals known to the State of California to cause cancer or reproductive toxicity.

SECTION 4 - FIRST AID MEASURES

Contact with eyes: Flush eyes immediately with plenty of water for 15 minutes. If irritation develops, seek medical advice.
Skin contact: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water. If irritation develops, seek medical advice.
Inhalation: Remove to fresh air. If breathing is stopped, give artificial respiration. If breathing is difficult, give oxygen. Seek medical advice.
Ingestion: If swallowed, do NOT induce vomiting. Call a physician or poison control center.
Likely Routes of Exposure: Eye, Skin Contact, Inhalation, and Ingestion
Acute symptoms and effects:
Inhalation: Respiratory tract irritant. High concentration may cause dizziness, headache, and anesthetic effects. May cause respiratory sensitization with asthma-like symptoms.
Eye Contact: Can cause moderate irritation, burning sensation, tearing, redness, and swelling. Overexposure may cause lacrimation, conjunctivitis, corneal damage & permanent injury.
Skin Contact: Can cause skin irritation; itching, redness, rashes, hives, burning, and swelling. Allergic reactions are possible. May cause skin sensitization.
Ingestion: Causes irritation, a burning sensation of the mouth, throat and gastrointestinal tract and abdominal pain.
Chronic (long-term) effects: Prolonged skin contact may lead to burning associated with severe reddening, swelling, and possible tissue destruction. Overexposure can cause headaches, dizziness, nausea, and vomiting

SECTION 5 - FIREFIGHTING MEASURES

Suitable Extinguishing Media: Carbon Dioxide, Dry Chemical		HMIS	NFPA	0-Minimal
Unsuitable Extinguishing Media: Water, Foam	Health	1	1	1-Slight
Exposure Hazards: Irritating organic vapors	Flammability	1	1	2-Moderate
Combustion Products: No information available	Reactivity	0	0	3-Serious
	PPE	X		4-Severe

Protection for Firefighters: Self-contained breathing apparatus or full-face positive pressure air-supply masks

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions: Prevent contact with skin or eyes (see section 8).
Environmental Precautions: Prevent product or liquids contaminated with product from entering sewers, drains, soil or open water course.
Methods for Cleaning up: Soak up with inert absorbent material. Store in a partly filled, closed container until disposal.

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing.
Do not eat, drink or smoke while handling.
Storage: Store in a cool, dry, well ventilated area away from sources of heat and incompatible materials. Keep container tightly closed when not in use.
Follow all precautionary information on container label and product bulletins.

SECTION 8 - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:	Component	ACGIH TLV	ACGIH STEL	OSHA PEL	OSHA STEL	OSHA PEL-Ceiling	CAL/OSHA PEL	CAL/OSHA Ceiling	CAL/OSHA STEL
	EPOXY RESIN	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E
	2,4,6-TRIS (DIMETHYLAMINOMETHYL) PHENOL	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E
	CRYSTALLINE SILICA	0.025 mg/m3	N/E	10 mg/m3	N/E	N/E	0.1 mg/m3	N/E	N/E

Engineering Controls: Use local exhaust as needed.
Monitoring: Maintain breathing zone airborne concentrations below exposure limits.
Personal Protective Equipment (PPE):
Eye Protection: Avoid contact with eyes, wear splashproof chemical goggles.
Skin Protection: Prevent contact with the skin as much as possible. Chemical resistant gloves should be used for frequent immersion. Use of rubber or plastic gloves should provide adequate protection when normal adhesive application practices and procedures are used for making structural bonds.
Respiratory Protection: None needed for normal use



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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Putty	Evaporation Rate:	N/E
Odor:	Low	Flammability:	N/E
pH:	9.5 @ 5 percent solution	Flammability Limits:	LEL: Not Established UEL: Not Established
Boiling Point:	Not Applicable	Vapor Pressure:	Negligible
Flash Point:	>500°F (260°C)	Vapor Density:	>1 (air=1)
Specific Gravity:	1.9 @26.6°C (80°F)	VOC Content:	0%
Solubility:	Negligible		
Auto-ignition Temperature:	Not Available		
Decomposition Temperature:	Not Available		

SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable

Hazardous decomposition products: None (non-thermal)

Conditions to avoid: Extreme heat, sparks, and open flame. Incompatible materials, oxidizers and oxidizing conditions. Heating resin above 300°F in the presence of air may cause slow oxidative decomposition.

Incompatible Materials: Strong Lewis or mineral acids, strong oxidizing agents, strong mineral and organic bases (specially primary and secondary aliphatic amines)

SECTION 11 - TOXICOLOGICAL INFORMATION

Toxicity:	LD50	LC50
Epoxy Resin	Oral - rat - 13,600 mg/kg	No Data Available
2,4,6-TRIS (DIMETHYLAMINOMETHYL) PHENOL	Oral-rat LD50:1200 mg/kg	Skin-rat LD50:1280 mg/kg

<u>Reproductive Effects</u>	<u>Teratogenicity</u>	<u>Mutagenicity</u>	<u>Embryotoxicity</u>	<u>Sensitization to Product</u>	<u>Synergistic Products</u>
Not Established	Not Established	Not Established	Not Established	Not Established	Not Established

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: None Known

Mobility: Not Established

Degradability: Not Established

Bioaccumulation: Not Established

SECTION 13 - WASTE DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

SECTION 14 - TRANSPORT INFORMATION

Proper Shipping Name: Not Regulated

Hazard Class: Not Regulated as a hazardous material

Secondary Risk: None

Identification Number: None

Packing Group: None

Label Required: None

Marine Pollutant: NO

TDG INFORMATION	
TDG CLASS:	Not Regulated
SHIPPING NAME:	Not Regulated
UN NUMBER/PACKING GROUP:	Not Regulated

SECTION 15 - REGULATORY INFORMATION

Precautionary Label Information: Irritant

Symbols: Xi

Risk Phrases: R-36/38 Irritating to eyes and skin.

Safety Phrases: S-2/3 Keep in a cool place, out of reach of children.
S-7 Keep container tightly closed when not in use.
S-24/25 Avoid contact with skin and eyes.
S-35 Dispose of material and container in a safe way.

Ingredient Listings: USA TSCA, Europe EINECS, Canada DSL, Australia AICS, Korea ECL/TCCL, Japan MITI (ENCS)

S-29 Do not empty into drains, storm drains or watercourses.
S-37/39 Wear suitable gloves and eye protection.
S-45 If seeking medical advice show physician label or SDS.
S-51 Use only in well ventilated areas

SECTION 16 - OTHER INFORMATION

Specification Information:

Department issuing data sheet: IPS, Safety Health & Environmental Affairs

E-mail address: <EHSinfo@ipscorp.com>

Training necessary: Yes, training in practices and procedures contained in product literature.

Reissue date / reason for reissue: 04/17/2015 / Updated GHS Standard Format

Intended Use of Product: Pipe Thread Sealant

All ingredients are compliant with the requirements of the European Directive on RoHS (Restriction of Hazardous Substances).

This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.