

# MATERIAL SAFETY DATA SHEET – Smart Copper Epoxy Putty

## SECTION I: PRODUCT IDENTITY/MANUFACTURER

PRODUCT NAME: Smart Copper Putty Two-In-One Epoxy Putty  
DATE PREPARED: January 2019  
DISTRIBUTOR/MANUFACTURER: SMART PIPE WRAP SOLUTIONS  
TELEPHONE NUMBER FOR INFORMATION: 0411 249 149  
MAIL ADDRESS: P.O. Box 1859, New Farm QLD 4005

## SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMONENTS	APPROX. %	OSHA PEL	ACGIH TLV	RECOMMENDED
2, 4, 6 – Tri (methyl aminomethyl) phenol (CAS 90-72-2)	-	-	-	-
Mercaptan Terminated Polymer (CAS unknown) >10.2 g/kg	-	-	-	19.8g/kg LD50 (Dermal Rabbit)
<u>SPECIAL HAZARD DESIGNATIONS</u>				
DOT (49CFR172):		N/A		HMS NFPA
OSHA (29 CFR 1910.1200) EVALUATION:		HAZARDOUS		
RCRA (40 CFR 261) EVALUATION:		NON-HAZARDOUS		Health: 2 2
EPA/TSCA Listed Ingredients:		Yes		Flammability: 0 0
SARA Listed Ingredients:		None		Reactivity: 0 0
BPA Epoxy Resign	CAS – 25068-38-6	HAZARD SYMBOL – Xi		RISK PHRASE – R36/38-43
Contains reaction product of Epichlorohydrin Bisphenol. A epoxide resign of average molecular weight >700 (10%-20%)				

**Classified Hazardous according to criteria of NOHSC**

**Hazard Category – Irritant**

**Risk Phases – R36/38** Irritant to eyes and skin; **R43** May cause sensitization by contact by skin; **S37/39** Wear suitable protective clothing, gloves, face and eye protection; **S28** Wash hands and any other skin parts in contact with soap and water; **S2** Keep out of the reach of children

KEY: 0 – Minimal 1- Slight 2 – Moderate 3 – Emrious 4- Severe

## SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT:	N/D
SPECIFIC GRAVITY (H2O = 1):	1.9
VAPOR PRESSURE (MM HG.):	N/D
MELTING POINT:	N/D
VAPOR DENSITY (AIR = 1):	N/D
EVAPORATION RATE (ETHYL ACETATE = 1):	N/D
SOLUBILITY IN WATER:	Negligible
APPEARANCE AND ODOR:	Coppery or Grey Semi-Solid / Slight Mercaptan Odor

## SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED):	N/A
FLAMMABLE LIMITS-LEL:	N/A
UEL:	N/A
EXTINGUISHING MEDIA:	H2O spray, foam, CO2, dry chemicals
SPECIAL FIRE FIGHTING PROCEDURES:	Wear SCBA and protective clothing
UNUSUAL FIRE AND EXPLOSION HAZARDS:	May generate toxic or irritating fumes

## SECTION V: REACTIVITY DATA

STABILITY:	Stable
CONDITIONS TO AVOID:	None

INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizers  
HAZARDOUS DECOMPOSITION: Aldehydes, Acids, CO, Sulfur Oxides  
HAZARDOUS POLYMERIZATION: None.

## MATERIAL SAFETY DATA SHEET – Smart Steel Epoxy Putty

### SECTION VI: HEALTH HAZARD DATA

#### ROUTE(S) OF ENTRY:

INHALATION: N/A  
SKIN: Yes  
INGESTION: Yes

HEALTH HAZARDS (ACUTE AND CHRONIC): Prolonged skin or eye exposure may cause irritation sensitization.

#### CARCINOGENICITY:

NTP: No  
IARC MONOGRAPHS: No  
OSHA REGULATED: No

#### SIGNS AND SYMPTOMS OF EXPOSURE:

EYES: Severe irritation.  
SKIN: Severe irritation.  
INHALATION: N/A  
INGESTION: Nausea

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/A

#### EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with large amounts of water for 15 minutes. Seek medical attention  
SKIN: Wash with soap and water. If irritation persists, seek medical attention  
INHALATION: N/A  
INGESTION: Give large amounts of water. Induce vomiting. If unconscious, do not give anything by mouth or induce vomiting. Seek medical attention.

### SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

#### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Pick up spilled paste to prevent disposal in sewers, waterways or soil.  
Wear polyethylene gloves.

#### WASTE DISPOSAL METHOD:

Collect and dispose of as non-hazardous in accordance with all local, state, and federal regulations.

#### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Keep container closed when not in use.  
Do not store near heat, sparks or open flame.

#### OTHER PRECAUTIONS:

Keep out of reach of children.

### SECTION VIII: CONTROL MEASURES

#### RESPIRATORY PROTECTION

(SPECIFY TYPE):

None

VENTILATION:

LOCAL EXHAUST:

Acceptable

SPECIAL:  
MECHANICAL (GENERAL):  
OTHER:  
PROTECTIVE GLOVES:  
EYE PROTECTION:  
OTHER PROTECTIVE CLOTHING  
OR EQUIPMENT:  
WORK/HYGIENIC PRACTICES:

N/A  
N/A  
N/A  
Polyethylene  
Safety Glasses  
  
N/A  
Wash thoroughly before eating, drinking, smoking, or  
leaving work area.