



**MATERIAL SAFETY DATA SHEET  
WILSTIK COPPER**

*Revised Date: January 2009*

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Issue Date: June 2005

MODIFIED by HOLDTITE AUSTRALIA

**SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

**Product Name:** HOLDTITE AUSTRALIA WILSTIK COPPER

**Other Names:** A MAXIMUM PRODUCT CODE: 8M149

**Use:** Hand kneadable Copper reinforced Epoxy Putty to provide fast, permanent repairs to pipes, tanks and vessels made of copper, brass, bronze and other non-ferrous metals.

**Part Number:** COPPOX

**Supplier:** Holdtite Australia Pty Ltd  
**Address:** 21 Heath Street  
Lonsdale, South Australia, 5160

**Emergency Tel:** +61 1300 552 680  
**Telephone:** +61 8 8186 0844  
**Fax:** +61 8 8186 0252

**Emergency Contact Name:** Harald Schaaf  
**Emergency Contact Address:** See Above Address

**Other Information:** The information below is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This Company shall not be held liable for any damage resulting from handling or from contact with the above product.

**SECTION 2. HAZARDOUS IDENTIFICATION**

Classified as hazardous according to criteria of NOHSC.

**Hazard Category:** Irritant

**Risk Phrases:** R36/38 Irritant to eyes and skin  
R43 May cause sensitization by skin contact  
S2 Keep out of reach of children  
S28 After contact with skin, was immediately with plenty of soap and water  
S37/39 Wear suitable protective clothing, gloves and eye/face protection



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## SECTION 3. COMPOSITION/INFORMATION OF INGREDIENTS

<b>Ingredients</b>	<b><u>Name</u></b>	<b><u>CAS</u></b>	<b><u>Proportion</u></b>	<b><u>Hazard Symbol</u></b>	<b><u>Risk Phrase</u></b>
	BPA Epoxy Resin	25068-38-6		Xi	R36/38-43

Contains reaction product of Epichlorohydrin Bisphenol. A epoxide resin of average molecular weight >700 (10%-20%)

## SECTION 4. FIRST AID MEASURES

<b>Ingestion:</b>	Do not induce vomiting. Rinse mouth thoroughly with water immediately. Give plenty of milk or water to drink. Seek medical attention.
<b>Eye contact:</b>	In all cases of eye contamination is a sensible precaution to seek medical advice. Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open
<b>Skin contact:</b>	immediately remove contaminated clothing and wash affected area with soap and water. Ensure contaminated clothing is washed before re-use. Do not use organic solvents
<b>Inhaled:</b>	Remove to fresh air and rest. Seek medical advice if patient is slow to recover

## SECTION 5. FIRE FIGHTING MEASURES

<b>Extinguishing Media:</b>	Water fog, Foam, Dry powder. CO <sub>2</sub> , BCF
<b>Fire/Exposure Hazards:</b>	Fumes liberated when the resin is involved in a fire must not be inhaled
<b>Fire Fighting Procedures</b>	Fire fighters to wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes

## SECTION 6. ACCIDENTAL RELEASE MEASURES

Safety boots, gloves and chemical goggles are to be worn if a spill occurs and clean up is needed. For small spills, use a cloth to wipe up residue. For large spills, collect and contain spillage with inert absorbent materials (e.g. sand, earth). Transfer spilled materials to containers that are suitable for storing the spilled material. The areas that the spillage occurred should be adequately flushed with warm soapy water to render the area safe for human contact.



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### SECTION 7. HANDLING AND STORAGE

**Handling:** Irritant. Sensitising. Ensure good ventilation. Smoking, eating, drinking and the preparation of foodstuffs prohibited where materials are stored or handled. Observe recommendations in SECTION 8.

**Storage:** Holdtite Copper Wilstik should be stored in a dry cool area, out of direct sunlight. Optimal Storage temperature: 8°C to 21°C. Stored correctly, this product has a 12 month shelf life from manufacture.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Limits:** N/A

**Personal Protection:** Avoid contact with eyes and skin. Wear PVC or rubber gloves, safety glasses and protective clothing. Use with adequate ventilation.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Putty – various colours

**Odour** Very slight

**Flash Point:** >200°C

**Solubility** Insoluble

### SECTION 10. STABILITY AND REACTIVITY

**Conditions to Avoid** Extremes of temperature

**Materials to Avoid** Strong acids, strong bases and strong oxidising agents

**Hazardous Decomposition**

**Products** May release oxides of carbon and other toxic gases or vapours if burnt



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**SECTION 11. TOXICOLOGY INFORMATION**

**HEALTH EFFECTS**

- Acute - Swallowed:** N/A during normal use. May cause gastric irritation. Ingestion can cause nausea and vomiting. May cause irritation to mouth, throat and stomach.  
LD50 acute oral toxicity in rats:>200 mg/kg
- Acute – Eye** May cause irritation and superficial burns  
Tested in rabbits: Possible irritant
- Acute – Skin** Contact with skin may result in irritation. Can lead to sensitization, soreness, red skin.  
Tested in rabbits: Possible irritant  
Tested in guinea pigs: May cause sensitization by skin contact.
- Acute – Inhaled** NA material does not emit harmful vapours

**SECTION 12. ECOLOGICAL INFORMATION**

Do not allow the material to enter water courses. If water contaminated inform the relevant authority immediately

**SECTION 13. DISPOSAL CONSIDERATIONS**

- Disposal:** Incineration or landfill in accordance with local regulations. Contaminated packaging material should be disposed of identically to the product itself. Non contaminated packaging material should be treated as household waste or as recycling material. Cured material may be considered inert and disposed of as builders waste.
- Container Disposal:** Dispose of as normal industrial waste

**SECTION 14. TRANSPORT INFORMATION**

Not classified as Dangerous Goods according to the ADG Code.

**SECTION 15. REGULATORY INFORMATION**

None Allocated.

**SECTION 16. OTHER INFORMATION**

**Abbreviations/Acronyms**

ADG Code – Australian Code for the Transport of Dangerous Goods by Road and Rail  
NOHSC – National Occupational Health and Safety  
TWA – Time-Weight Average

**CONTACT POINT**

**Technical Contact**

**Numbers:** Head Office Tel: 1300 552 680

**Technical Contact:** Harald Schaaf

\*\*End of MSDS\*\*