

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
ALPHARETTA, GA 30004
EMERGENCY/INFO # (800) 241-8180
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET
DURA BOND (TUBES) / 1475
SEPTEMBER 2008
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HEALTH	1
FIRE	1
REACTIVITY	0
P.P.E.	B

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

SECTION 1 – Chemical and Company Identification

PRODUCT CLASS: Epoxy Putty
CAS #: Mixture

SECTION 2 – Composition on Ingredients

INGREDIENT NAME	CAS #	%	TSCA	HMIS	ACGIH TLV N/EST	ACGIH TLV-C N/EST	ACGIH STEL N/EST	OSHA STEL N/EST	OSHA PEL N/EST
Glycidyl Ethers of Bisphenol A Resins	25068-38-6	10-30	Y	H:2, F:1, R:0, PPI:B					
Tri(Dimethylaminomethyl) Phenol	90-72-2	0.5-1.5	Y	H:2, F:1, R:1, PPI:D	5.00 ppm	N/EST	N/EST	N/EST	N/EST
Zinc Sulfide	1314-98-3	0.5-1.5	Y	H:2, F:1, R:1, PPI:E	5.00 mg/m ³	N/EST	N/EST	N/EST	N/EST

***All ingredients in this product are listed in the T.S.C.A. inventory.

SECTION 3 – Hazards Information

PERMISSIBLE EXPOSURE LEVEL: N/A
EFFECTS OF OVEREXPOSURE: N/A

SECTION 4 – First Aid Measures

NOTE: Never give anything by mouth to an unconscious person.

SECTION 5 – Fire Fighting Measures

FLAMMABILITY CLASS:
FLASH RANGE: None, Not Applicable
EXPLOSIVE RANGE: None, Not Applicable
EXTINGUISHING MEDIA: Water spray, foam, CO₂, Dry Chemicals.
UNUSUAL HAZARDS: N/A
FIRE FIGHTING: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

SECTION 6 – Accidental Release Measures

STEPS TO BE TAKEN: SPILLS OR LEAKS: Dispose of in normal manner.

SECTION 7 – Handling and Storage

STORAGE TEMPERATURE: < 90°F (32°C)
STORAGE CONDITIONS: Store in cool, dry, well-ventilated area.
TRANSFER: No special precautions are needed. Follow good manufacturing and handling practices.
PERSONAL HYGIENE: Wash thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Wash contaminated goggles, faceshield, and gloves. Professionally launder contaminated clothing before re-use.
EMPTY CONTAINER PRECAUTIONS: ATTENTION! This container can be hazardous when empty. Follow label cautions even after the container is empty since empty containers could retain product residues. Do not re-use empty containers for food, clothing, or products for human or animal consumption, or where skin contact can occur.

SECTION 8 – Exposure Controls/Personal Protection

PROTECTIVE EQUIPMENT TYPES:
EYES: Safety glasses or goggles.
RESPIRATORY: None required with well-ventilated area.
GLOVES: Appropriate impervious gloves. Consult glove manufacturer to determine the proper type.
OTHER: N/A
VENTILATION:
GENERAL MECHANICAL: None required.
LOCAL EXHAUST: Use to keep exposures below recommendation. Only if heated above 100°F.

SECTION 9 – Physical and Chemical Properties

FORM: Putty
ODOR: Sulfur, Mercaptan
pH VALUE: Not Applicable
VAPOR PRESSURE (mmHg): Not Applicable
EVAPORATION RATE: Non-Volatile
% VOLATILE WEIGHT: 0%
VOC: < 1%
SPECIFIC GRAVITY: 1.9
APPEARANCE/COLOR: White/neutral
SOLUBILITY (IN WATER): Insoluble in water
BOILING POINT: Not Applicable
MELTING POINT: Not Applicable
VAPOR DENSITY: Non-Volatile
% VOLATILE: < 1%
MOLECULAR WEIGHT:
HEAVY ELEMENTS (PPM): 0.

NOTE: The physical data represented above are typical values and should not be construed as a specification. For additional physical data and details on use, please obtain a technical data sheet for this product.

SECTION 10 – Stability and Reactivity

STABILITY: This product is stable.
HAZARDOUS POLYMERIZATION: Will not occur.
INCOMPATIBILITY: None
CONDITIONS TO AVOID: None
HAZARDOUS DECOMPOSITION PRODUCTS: None.

SECTION 11 – Toxicological Information

	ROUTE	SPECIES	EXPOSURE AND DOSE
Glycidyl Ethers of Bisphenol A Resins	ORAL	RAT, ADULT	LD50 5000. MG/KG
	SKIN	RABBIT, ADULT	LD50 20000. MG/KG
Tri (Dimethylaminomethyl) Phenol	ORAL	RAT, ADULT	LD50 1630. MG/KG

SECTION 12 – Ecological Information

No data available.

SECTION 13 – Disposal Consideration

WASTE DISPOSAL METHOD: Incinerate in furnace or bury in landfill in accordance with all applicable regulations; not a hazardous waste.

THIS INFORMATION MUST BE ON ALL MSDS'S COPIED AND DISTRIBUTED FOR THIS MATERIAL.
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SECTION 14 – Transport Information

DOT HAZARD CLASS: None
SHIPPING NAME: Putty, NMFC 150110

SECTION 15 – Regulatory Information

INGREDIENT NAME:	CAS NUMBER	PERCENT
Zinc Sulfide	1314-98-3	0.5 – 1.5

SECTION 16 – Other Information

NOTE: User responsibility: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operations should be examined to determine if, or where, precautions – in addition to those described herein – are required. Any health hazard and safety information herein should be passed on to your customers or employees as the case may be.

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