

SECTION I - IDENTIFICATION

PRODUCT NAME:	BONDit B-755	GENERIC DESCRIPTION:	Epoxy resin/Cycloaliphatic amine
MANUFACTURER:	RELTEK, LLC 2345 Circadian Way Santa Rosa, CA 95407 (707) 284-8808	PROPER SHIPPING NAME (49CFR 172.101): D.O.T. HAZARD NAME (49CFR 172.101): (same)	Amines, Liquid, Corrosive N.O.S. (1,3-Bis Aminomethyl cyclohexane) UN 2735 / PG I / 8
EMERGENCY:	(800) 535-5053	D.O.T. ID NO (49CFR 172.101): D.O.T. HAZARD CLASS (49CFR 172.101): RCRA HAZARD CLASS (49CFR 261)(if discarded): E.P.A. PRIORITY POLLUTANTS (40CFR 122.53):	None 3 1 0
DATE:	12-12-07 Rev a	HEALTH (NFPA): FLAMMABILITY (NFPA): REACTIVITY (NFPA):	3 1 0
SUPERSEDES:	none	SARA SEC 312: Fire, Pressure,; Reactivity: (EPCRA) Acute, Chronic:	No, No, No Yes, No

SECTION II - HAZARDOUS INGREDIENTS 29 CFR 1910.1200

INGREDIENT	C.A.S. NO.	PERCENT	----- EXPOSURE LIMITS -----			
			VALUE	UNIT	TYPE	AUTH
PART A: BISPHENOL EPOXY RESIN Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	<30%	Not established			
PART B: Cycloaliphatic amine 1,3 BAC	2579-20-6	<50%	Not established			

SECTION III - PHYSICAL DATA

BOILING POINT: [760 MM HG]	Not Established	VOC:	None
SPECIFIC GRAVITY:[77EF/25EC]	A 1.2, B 1.0	EVAPORATION:	Not Applicable
MELTING POINT:	Not Applicable	SOLUBILITY IN WATER:	Part A – Nil, Part B - soluble
VAPOR PRESSURE: [77EF/25EC]	Not Established	ODOR:	A – Clear , water white liquid, little odor
VAPOR DENSITY: [77EF/25EC]	Not Established	APPEARANCE: / COLOR:	B – Clear water white liquid, amine odor

SECTION IV - HEALTH HAZARD DATA

EYE:	Vapor of Part B cause eye irritation. Direct contact can cause burn and permanent damage. Use safety glasses.	Flush with large volume of water for 15 minutes, get medical attention.
SKIN:	Direct contact may irritate; may cause allergic skin sensitization. Part B is corrosive and may cause tissue damage. Use of protective gloves and clothing are recommended with its use.	Wash immediately with water. Remove contaminated clothing. If irritation develops, seek medical attention.
INHALATION:	Part B vapors may cause irritation of respiratory tract if inhaled. May cause respiratory sensitization or asthma like response.	Remove to fresh air. Get medical attention if ill effects persist.
ORAL	Due to corrosive nature Part B may cause tissue or digestive system damage.	Get medical attention. Give one to three glasses of water.

COMMENTS: Not listed as human carcinogen by OSHA, IARC or NTP.

SECTION V - FIRE AND EXPLOSION DATA			
FLASH POINT:	Approx 100°C	SPECIAL FIRE FIGHTING PROCEDURES:	Self-contained breathing apparatus and full protective clothing should be worn. Large fires: use Alcohol Foam, Water fog; Small fires: Carbon Dioxide, Dry chemical, Dry sand or limestone.
AUTOIGNITION:	Approx 300°C		
FLAMMABILITY LIMITS IN AIR:	LOWER: A: N/D B: N/D UPPER: A: N/D B: N/D	UNUSUAL FIRE AND EXPLOSION HAZARDS:	Water or foam may cause frothing which can be violent, especially is sprayed into containers of hot, burning liquid.
OSHA FIRE HAZARD CLASS:	N/D		
EXTINGUISHING MEDIA:	CO2 X Dry chemical X Foam X Water fog X		
SECTION VI - REACTIVITY DATA			
STABILITY:	Stable	HAZARDOUS DECOMPOSITION PRODUCTS:	Nitrogen oxides, carbon dioxide, carbon monoxide and aldehydes. Nitrogen oxide can react with water vapors to form corrosive nitric acid (TVL=2).
INCOMPATIBILITY:	None		
CONDITIONS TO AVOID:	See Section IX	POLYMERIZATION:	Will not occur.
SECTION VII - SPILL, LEAK, MAINTENANCE/REPAIR AND DISPOSAL PROCEDURES			
SPILL RESPONSE:	Use absorbent material to collect and contain for salvage or disposal in closed container.	REPORTABLE CONCENTRATION:	Not applicable
WASTE DISPOSAL METHOD:	Dispose of completely cured material in sanitary landfill. Dispose of parts or waste products in a hazardous waste facility. Since regulations vary, consult applicable regulations before disposal.	REPORTABLE QUANTITY:	Not applicable
REPORTABLE HAZARD:	None	COMMENT:	Avoid strong oxidizing agents and strong mineral acids Part B is toxic to fish. Keep run-off from entering sewers, rivers, streams, lakes and other bodies of water.
SECTION VIII - PRECAUTIONS FOR SAFE HANDLING			
EYES:	Safety glasses, as a minimum.	EXHAUST: MECHANICAL:	Recommended Recommended
SKIN:	Washing at mealtime and end of shift. Use protective clothing; rubber or plastic gloves as a minimum. Wash immediately upon any detectable contact.	PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:	These precautions are for room temperature handling. Use at elevated temperatures, or aerosol/spray applications, may require added precautions.
INHALATION & VENTILATION:	Respiratory protection only required if work area is not well-ventilated. Use NIOSH approved suitable organic vapor respirator if necessary in that case.	COMMENT:	
SECTION IX – COMMENTS			
<p>All components are included in the TSCA inventory. OSHA Hazard Communication Standard (29CFR1910.1200) hazard class: Corrosive, Sensitizer. EPA SARA Title III Section 312 (40CFR370) hazard class: Irritant. EPA SARA Title III Section 313 (40CFR372): Immediate Health Hazard. Toxic chemicals above "de minimis" levels: none.</p> <p>Avoid mineral acids, alkalis, organic acids, reducing agents, reactive metals (i.e. sodium). CAUTION: N-Nitrosamines, many of which are known to be potent carcinogens, may be formed when the product comes in contact with nitrous acid, nitrites or atmospheres with high nitrous oxide concentrations.</p> <p>Part A contains trace residual quantities of epichlorohydrin (ECH) CAS no. 106-89-8. It is very unlikely that normal work practices with this product could result in measurable ECH concentrations. Nevertheless, be aware ECH has been reported to produce cancer in laboratory animals and to produce mutagenic changes in bacteria and cultured human cells.</p>			