

SECTION I - IDENTIFICATION

PRODUCT NAME:	BONDIT B-521	GENERIC DESCRIPTION:	Epoxy resin
MANUFACTURER:	RELTEK, LLC 2345 Circadian Way Santa Rosa, CA 95407 (707) 284-8808	PROPER SHIPPING NAME (49CFR 172.101):	Resin Compound
EMERGENCY:	(800) 535-5053	D.O.T. HAZARD NAME (49CFR 172.101):	NA
DATE:	02-08-07Rev e	D.O.T. ID NO (49CFR 172.101):	NA
SUPERSEDES:	09-26-06Rev d	D.O.T. HAZARD CLASS (49CFR 172.101):	NA
		RCRA HAZARD CLASS (49CFR 261)(if discarded):	NA
		E.P.A. PRIORITY POLLUTANTS (40CFR 122.53):	NA
		HEALTH (NFPA):	2
		FLAMMABILITY (NFPA):	1
		REACTIVITY (NFPA):	0
		SARA SEC 312: Fire, Pressure:, Reactivity: (EPCRA) Acute, Chronic:	No, No, No No, No

SECTION II - HAZARDOUS INGREDIENTS 29 CFR 1910.1200

INGREDIENT	C.A.S. NO.	PERCENT	----- EXPOSURE LIMITS -----		
			VALUE	UNIT	TYPE AUTH
PART A: BISPHENOL A-EPOXY RESIN					
PROPRIETARY EPOXY RESIN	*See Sec IX	95 -70%	*See Sec IX		
Butadiene homopolymer	129288-65-9	5 -30%	Not established		
PART B: BORON COMPOUND					
Proprietary boron compound	Trade secret	<100%	Not established		

SECTION III - PHYSICAL DATA

BOILING POINT: [760 MM HG]	>200°C	VOLATILITY BY WEIGHT:	Less than 1%
SPECIFIC GRAVITY:[77EF/25EC]	A 1.05, B 1.42	EVAPORATION:	Not Applicable
MELTING POINT:	Not Applicable	SOLUBILITY IN WATER:	Nil
VAPOR PRESSURE: [77EF/25EC]	Not Established	ODOR:	A -White pigmented resin
VAPOR DENSITY: [77EF/25EC]	Not Established	APPEARANCE: / COLOR:	B -White liquid, slight amine odor

SECTION IV - HEALTH HAZARD DATA

EYE:	Direct contact of Part B may cause irritation and pain. Effect is transient and has no known residual effect.	Flush with large volume of water for 15 minutes, get medical attention.
SKIN:	Direct contact may irritate; may cause allergic skin sensitization. Part B causes dryness, itching and/or rash. May be harmful if absorbed through the skin. 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 irritation of respiratory system, respiratory sensitization or asthma like response in susceptible individuals.	Remove to fresh air. Get medical attention if ill effects persist.
ORAL	May irritate digestive system. 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:	Closed cup, 249° C / 480° F	SPECIAL FIRE FIGHTING PROCEDURES:	Self-contained breathing apparatus and full protective clothing should be worn. Will give rise to Class B fire. Large fires: use Alcohol Foam, Water Spray; Small fires: Carbon Dioxide, Dry chemical, Dry sand or limestone.
AUTOIGNITION:	Not determined		
FLAMMABILITY LIMITS IN AIR:	LOWER: A: N/D B: N/D UPPER: A: N/D B: N/D		
OSHA FIRE HAZARD CLASS:	N/D	UNUSUAL FIRE AND EXPLOSION HAZARDS:	None.
EXTINGUISHING MEDIA:	CO2 X Dry chemical X Foam 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		
SECTION VIII - PRECAUTIONS FOR SAFE HANDLING			
EYES:	Safety glasses, as a minimum.	EXHAUST:	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.	MECHANICAL:	Recommended
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..	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.
		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. Product slowly corrodes copper, aluminum, zinc and galvanized surfaces.</p>			