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PRODUCT: 990A Epoxy Resin

MSDS ID: **ND3545**
 ORIG. DATE: **11/6/2008**
 REV. DATE: **6/18/10**
 REV. DATE:

PREPARED BY: **Chemical Safety**

SECTION I -Material Identification and Information H: *2 F: 0 R: 0 PPE:

COMPONENTS	CAS #	PERCENT %	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Epoxy Resin	25068-38-6	65-75	n.e.	n.e.	
Epoxy Resin	Mixture	20-25	n.e.	n.e.	
Silicon Dioxide	67762-90-7	3-5	10/mg/m ³	.025 mg/m ³	
Calcium Silicate	13983-17-0	5-15	5 mg/m ³ resp. dust	10 mg/m ³ total dust	

The remaining components of this product are not considered hazardous substances or are below reportable levels under OSHA's Hazard Communication Standard (29 CFR 1910.1200)

All ingredients are listed on the TSCA Inventory. n.a.= not applicable / n.e.=not established

SECTION II -Physical and Chemical Characteristics

BOILING POINT:	n.a.		VOC : n.a.
VAPOR DENSITY:	n.a.	air = 1	
VAPOR PRESSURE:	n.a.		DENSITY OF COATING:
MELTING POINT:	n.a.		
SPECIFIC GRAVITY:	1.15	water = 1	
EVAPORATION RATE:	n.a.		
WATER REACTIVE:	No		
SOLUBILITY IN WATER:	Negligible		
APPEARANCE AND ODOR:	Off-white to beige viscous liquid with epoxy odor.		

SECTION III - Fire and Explosion Hazard Data

FLASH POINT:	>480 °F
AUTOIGNITION TEMPERATURE:	n.e.
FLAMMABILITY LIMITS % IN AIR:	LEL: n.e. UEL: n.e.
EXTINGUISHER MEDIA:	Dry Chemical, Foam, Carbon Dioxide, Water Spray
SPECIAL FIREFIGHTING PROCEDURES:	Firefighters should wear appropriate protective equipment including self contained breathing apparatus with full face piece operated in positive pressure mode.
UNUSUAL FIRE HAZARDS AND CONDITIONS TO AVOID:	At fire temperatures, pressure increase could cause containers to burst. Cool containers with water spray.

MATERIAL SAFETY DATA SHEET

PRODUCT: NB138P29RC Potting Compound Resin

Component	Oral LD50	Dermal LD50	Inhalation LC50
Epoxy Resin	20,000 mg/kg (mouse)	>1,200 mg/kg (rat)	n.e.
Epoxy Resin	n.e.	n.e.	n.e.
Silicon Dioxide	22,500 mg/kg (rat)	n.e.	n.e.
Calcium Silicate	n.e.	n.e.	n.e.

SECTION VI - Control and Protective Measures

RESPIRATORY PROTECTION: Use properly fitted air purifying respirator if exposures may exceed recommended limits.

PROTECTIVE GLOVES: Use Ethyl Vinyl Alcohol, Butyl Rubber, Nitrile, or neoprene gloves when handling this product.

EYE PROTECTION: Safety glasses with side shields, or splash goggles if operations can generate mists or sprays.

VENTILATION TO BE USED: LOCAL EXHAUST: MECHANICAL: SPECIFIC: OTHER (specify): Use only with adequate ventilation. Ensure eyewash/shower stations are available near areas where this product is used.

PROTECTIVE CLOTHING AND EQUIPMENT: Use skin protection appropriate to task.

HYGIENIC WORK PRACTICES: Wash hands thoroughly after using this product, before eating, drinking, smoking or using toilet.

SECTION VII - Precautions for Safe Handling and Spill/Leak Procedures

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:

Small releases can be cleaned using a damp sponge or polypad. Avoid skin contact. Wear gloves. Large spills should be cleaned by appropriately trained personnel, using appropriate protective equipment. Keep untrained personnel away from spill areas. Use inert absorbent material. Place spill residue in appropriate container.

WASTE DISPOSAL METHODS: Dispose of in accordance with all local, state, and federal regulations.

SAFE HANDLING AND STORAGE: Store this product in a cool dry place, away from direct sunlight, or sources of intense heat. Keep containers closed when not in use.

OTHER PRECAUTIONS AND SPECIAL HAZARDOUS INFORMATION:

None

**RECOMMENDED
NFPA/HMIS
RATING**

HEALTH *2

FLAMMABILITY 0

REACTIVITY 0

**PERSONAL
PROTECTION**

note: ratings may differ according to application, environment, and physical state.

MATERIAL SAFETY DATA SHEET

PRODUCT: NB138P29RC Potting Compound Resin

NOTES:

DOT Proper Shipping Name:
Non-regulated

See MSDS number ND 3546 for 990B Epoxy Hardener.

SECTION 313 SUPPLIER NOTIFICATION

Detaching this notification from the Material Safety Data Sheet is prohibited by law and any copying or distribution of same requires this attachment be included.

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

<u>CAS #</u>	<u>CHEMICAL NAME</u>	<u>% BY WEIGHT</u>
	None	

This product contains the following materials that under California Proposition 65 of the Safe Drinking Water and Toxic Enforcement Act of 1986 are recognized to cause cancer or reproductive toxicity.

<u>Material</u>	<u>CAS #</u>	<u>Concentration %</u>	<u>Cancer Agent</u>	<u>Reproductive Toxin</u>	<u>cancer agent & Reproductive Toxin</u>
Oxirane	122-60-1	trace	x		

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