

CALREPCO, INC.
3218 W. Desert Vista Trail
Phoenix, AZ 85085
Phone: 623-580-1258 Fax: 623-580-1259

A + B[®] 9900 EPOXY PUTTY
PRODUCT NUMBER

FEATURES:

A hand-moldable epoxy for suggested uses listed below:

Home or Office and Plumbing:

Carve and Shape

- Repair breaks, cracks, or leaks in all types of plumbing fixtures – metal, plastic, copper, PVC, chrome and iron.
- Fill cracks or leaks in porcelain or ceramic fixtures such as tubs, toilets, sinks, and tiles.
- Repair broken fillings on all major appliances.
- Use as caulking in bathroom or kitchen and as waterproofing or weather stripping around doors and windows.

Pool or Spa:

- Repair cracks or holes in decks and broken tiles.
- Fill cracks and holes in pool or spa underwater – no draining required.
- Use as caulk between tiles and joints.

Automotive:

- Fill and repair holes and dents in auto hodies.
- Seal leaks in gasoline tanks and air conditioner systems.
- Repair cracked distributor caps, battery terminals, and cases.
- Repair radiators and cracked engine blocks.
- Repair "pot-metal" automotive grills.
- Repair cracked metal, porcelain, ceramic or plastic parts.
- Repair exhaust systems, generators, and alternators.
- Insulate electrical cable splices - wire tacking – non conductive.

STORAGE:

A + B[®] 9900 should be stored in a cool dry area. Shelf life is a minimum of one year in unopened containers when stored at 65-80°F (one year from date of shipment).

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A + B[®] 9900 Epoxy Putty
PRODUCT NUMBER

TECHNICAL DATA SHEET

9900 TAN
A+B[®] EPOXY PUTTY

DESCRIPTION:

A+B[®] 9900 EPOXY PUTTY is a TAN color epoxy compound with an easy 1:1 "cut-what-you-need" mix ratio. It is recommended for use in repairing, bonding, sealing or filling. A+B[®] 9900 EPOXY PUTTY will cure under water. It will not shrink or sag. Just mix equal amounts of Parts A and B and use.

Machinability of A+B[®] 9900 EPOXY PUTTY is excellent. It can be sanded, drilled, tapped, screwed, stained, painted, sawed and carved. If a more rapid cure is desired, heating gently with a torch or hot air gun will shorten the set up time appreciably.

PHYSICAL PROPERTY	TEST METHOD	VALUE
Tensile Strength, psi	D412	4,000
Compressive Strength, psi	D695	12,000
Bond Strength, psi	D1002	375
Coefficient of Thermal Expansion,	TMA	4×10^{-4}
Maximum Use Temperature, °F		250
Hardening Time at 75 °F, minutes	D2471	~ 60
Color		TAN
Shrinkage, 75 °F	D2566	None

ELECTRICAL PROPERTIES:

Dielectric Strength, volts/mil	D-149	300
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APPLICATION TIPS:

1. Remove grease, oil, or gasoline from area to be repaired.
2. Slightly roughen surface with wire brush or sandpaper.
3. Cut off equal amounts of Parts A and B.
4. Wearing rubber gloves mix Parts A and B with hands until uniform in color.
5. Use of a light powder (baby powder) will minimize sticky epoxy contact with gloves.
6. Moisten hands slightly and apply A+B[®] EPOXY PUTTY to surface to be repaired.
7. A + B[®] EPOXY PUTTY will cure under water

MATERIAL SAFETY DATA SHEET

REVISION DATE: 11-01-2002

SUPERSIDES:

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

COMPANY INFORMATION

Rezolin, LLC

CALREPCO, INC.

P.O. Box 3145

La Habra, CA 90631

Phone: 562-694-3618 Fax: 562-691-6904

PRODUCT INFORMATION

TRADE NAME: A + B[®] Epoxy Putty
PRODUCT NUMBER: 9900A
PRODUCT DESCRIPTION: Epoxy resin

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	PERCENT	OSHA PPE
Epoxy resin	25068-38-6	5 - 10	Not established

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Eye irritant.

Can cause skin irritation. May cause allergic skin reaction.

Harmful if swallowed.

HMIS RATING: HEALTH -- 1 FLAMMABILITY -- 1 REACTIVITY -- 0

See SECTION 7: EXPOSURE CONTROLS/PERSONAL PROTECTION for personal protective equipment recommendations.

POTENTIAL HEALTH EFFECTS BY ROUTE OF ENTRY

EYE: Can cause irritation. Eye contact may result in corneal injury. Symptoms may include discomfort or pain, excessive blinking and tear production, with marked redness and swelling of the conjunctiva.

SKIN: Can cause skin irritation. May cause sensitization.

INHALATION: Can cause minor respiratory irritation. Inhalation of dusts produced during cutting, grinding or sanding of this product may cause irritation of the respiratory tract.

INGESTION: Ingestion is not an anticipated route of exposure. Harmful if swallowed. Irritating to mouth, throat, and stomach.

REGULATED CARCINOGEN STATUS:

Unless noted below, this product does not contain regulated levels of NTP, IARC, ACGIH, or OSHA listed carcinogens.

EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE: Skin and eye conditions

SECTION 4: FIRST AID MEASURES

IF IN EYES: Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get medical attention if irritation persists.

IF ON SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

IF VAPORS INHALED: Remove to fresh air. Call a physician if symptoms persist.

MATERIAL SAFETY DATA SHEET

IF SWALLOWED: Do not induce vomiting and seek medical attention immediately. Drink two glasses of water or milk to dilute. Do not give anything by mouth to an unconscious person.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT: 243C; 469F
AUTOIGNITION TEMPERATURE: Not established
LOWER EXPLOSIVE LIMIT (% in air): Not established
UPPER EXPLOSIVE LIMIT (% in air): Not established
EXTINGUISHING MEDIA: Use water spray, foam, dry chemical or carbon dioxide.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Material will burn in a fire.
SPECIAL FIRE FIGHTING INSTRUCTIONS: Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.
HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, Carbon monoxide, Silicon dioxide

SECTION 6: HANDLING AND STORAGE

Storage: Store in a cool, dry place.

Consult the Technical Data Sheet for specific storage instructions.

SECTION 7: EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION: Wear safety glasses with side shields when handling this product.
SKIN PROTECTION: Avoid skin contact by wearing rubber gloves.
GLOVES: Polyethylene for prolonged use.
RESPIRATORY PROTECTION: None required for normal use. Use dust mask if grinding or sanding.
VENTILATION: None required for normal use or use local exhaust ventilation.

EXPOSURE LIMITS:

Chemical Name	ACGIH EXPOSURE LIMITS	AIHA WEL
Epoxy resin	Not established	Not established

SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Semi-solid
COLOR: Tan
ODOR: Mild Neutral
ODOR THRESHOLD: Not established
WEIGHT PER GALLON (lbs.): 15.5
SPECIFIC GRAVITY: 1.86
pH: Not established
BOILING POINT (deg. C): Not established
FREEZING/MELTING POINT (deg. C): Not established
VAPOR PRESSURE (mm Hg): Not established
VAPOR DENSITY: Not established
EVAPORATION RATE: Not established
OCTANOL/WATER COEFFICIENT: Not established

SECTION 9: STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.
CHEMICAL INCOMPATIBILITY: Not established

MATERIAL SAFETY DATA SHEET

HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, Silicon dioxide

SECTION 10: TOXICOLOGICAL INFORMATION

CHEMICAL NAME Epoxy resin	LD50/1,CS0 Oral LD50 Rat = 11.4 g/kg Normal LD50 Rabbit > 20 ml/kg
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TOXICOLOGY SUMMARY: No additional health information available.

SECTION 11: ECOLOGICAL INFORMATION

OVERVIEW: No ecological information available

SECTION 12: DISPOSAL CONSIDERATIONS

To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261.

SECTION 13: TRANSPORTATION INFORMATION

Consult Bill of Lading for transportation information.

DOT: NOT REGULATED

SECTION 14: REGULATORY INFORMATION

INVENTORY STATUS

U.S. EPA TSCA: This product is in compliance with the Toxic Substances Control Act's Inventory requirements.

FEDERAL REPORTING

EPA SARA Title III Section 313

Unless listed below, this product does not contain toxic chemical(s) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 72. EPA has advised that when a percentage range is listed the midpoint may be used to fulfill reporting obligations.

Chemical Name	CAS#	%
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WHMIS STATUS: Unless listed below, this product is not controlled under the Canadian Workplace Hazardous Materials Information System.

D2B

Prepared by: Rezolin, LLC

Phone: 386-677-8238

CALREPCO, INC.

P.O. Box 3145

La Habra, CA 90631

Phone: 562-694-3618 Fax: 562-691-6904

The information and recommendations set forth herein are believed to be accurate. Because some of the information is derived from information provided to Rezolin, LLC from its suppliers, and because Rezolin, LLC has no control over the conditions of handling and use, Rezolin, LLC makes no warranty, expressed or implied, regarding the accuracy of the data or the results to be obtained from the use thereof. The information is supplied solely for your information and consideration, and Rezolin, LLC assumes no responsibility for use or reliance thereon. It is the responsibility of the user of Rezolin, LLC products to comply with all applicable federal, state and local laws and regulations.

MATERIAL SAFETY DATA SHEET

REVISION DATE: 11-01-2002

SUPERSEDES:

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**COMPANY INFORMATION**

Rezolin, I.I.C.

CALREPCO, INC.**P.O. Box 3145****La Habra, CA 90631****Phone: 562-694-3618 Fax: 562-691-6904****PRODUCT INFORMATION**

TRADE NAME: A + B[®] Epoxy Putty
 PRODUCT NUMBER: 9900B
 PRODUCT DESCRIPTION: Epoxy putty hardener

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	PERCENT	OSHA PEL
Tetraethylene pentamine	68513-05-3	10 - 30	Not established

SECTION 3: HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

Eye irritant.

Can cause skin irritation. May cause allergic skin reaction.

Harmful if swallowed.

HMS RATING: HEALTH - 1 FLAMMABILITY - 1 REACTIVITY - 0

See SECTION 7: EXPOSURE CONTROLS/PERSONAL PROTECTION for personal protective equipment recommendations.

POTENTIAL HEALTH EFFECTS BY ROUTE OF ENTRY**EYE:** Can cause irritation. Eye contact may result in cornea injury. Symptoms may include discomfort or pain excessive blinking and eye production, with marked redness and swelling of the conjunctiva.**SKIN:** Can cause skin irritation. May cause sensitization.**INHALATION:** Can cause minor respiratory irritation. Inhalation of dusts produced during cutting, grinding or sanding of this product may cause irritation of the respiratory tract.**INGESTION:** Ingestion is not an anticipated route of exposure. Harmful if swallowed. Irritating to mouth, throat, and stomach.**REGULATED CARCINOGEN STATUS:**

Unless noted below, this product does not contain regulated levels of NTP, IARC, ACGIH, or OSHA listed carcinogens.

EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE: Skin and eye conditions**SECTION 4: FIRST AID MEASURES****IF IN EYES:** Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get medical attention if irritation persists.

MATERIAL SAFETY DATA SHEET

IF ON SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.
IF VAPORS INHALED: Remove to fresh air. Call a physician if symptoms persist.
IF SWALLOWED: Do not induce vomiting. Drink one glass of water followed by milk if available. Seek medical attention immediately. Do not give anything by mouth to an unconscious person.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT:	204C; 399F
AUTOIGNITION TEMPERATURE:	Not established
LOWER EXPLOSIVE LIMIT (% in air):	Not established
UPPER EXPLOSIVE LIMIT (% in air):	Not established
EXTINGUISHING MEDIA:	Use water spray, foam, dry chemical or carbon dioxide.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Material will burn in a fire.
SPECIAL FIRE FIGHTING INSTRUCTIONS:	Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.
HAZARDOUS COMBUSTION PRODUCTS:	Carbon dioxide, Carbon monoxide, Nitrogen containing gases, Silicon dioxide

SECTION 6: HANDLING AND STORAGE

Storage: Store in a cool, dry place.

Consult the Technical Data Sheet for specific storage instructions.

SECTION 7: EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION:	Wear safety glasses with side shields when handling this product.
SKIN PROTECTION:	Avoid skin contact by wearing rubber gloves.
GLOVES:	Polyethylene for prolonged use.
RESPIRATORY PROTECTION:	None required for normal use. Use dust mask if grinding or sanding.
VENTILATION:	None required for normal use or use local exhaust ventilation.

EXPOSURE LIMITS:

Chemical Name	ACGIH EXPOSURE LIMITS	AHA WEL
Tetraethylene pentamine	Not established	Not established

SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Semi-solid
COLOR:	Tan
ODOR:	Mild
ODOR THRESHOLD:	Not established
WEIGHT PER GALLON (lbs.):	15.5
SPECIFIC GRAVITY:	1.95
pH:	Not established
BOILING POINT (deg. C):	Not established
FREEZING/MELTING POINT (deg. C):	Not established
VAPOR PRESSURE (mm Hg):	Not established
VAPOR DENSITY:	Not established
EVAPORATION RATE:	Not established
OCTANOL/WATER COEFFICIENT:	Not established

MATERIAL SAFETY DATA SHEET**SECTION 9: STABILITY AND REACTIVITY**

STABILITY: Stable under normal conditions.
CHEMICAL INCOMPATIBILITY: Not established
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, Nitrogen containing gases, Silicon dioxide

SECTION 10: TOXICOLOGICAL INFORMATION

CHEMICAL NAME Tetraethylene pentamine	LD50/LC50 Not established
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TOXICOLOGY SUMMARY: No additional health information available.

SECTION 11: ECOLOGICAL INFORMATION

OVERVIEW: No ecological information available

SECTION 13: DISPOSAL CONSIDERATIONS

To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261.

SECTION 14: TRANSPORTATION INFORMATION

Consult Bill of Lading for transportation information.

DOT: NOT REGULATED

SECTION 15: REGULATORY INFORMATION**INVENTORY STATUS**

U.S. EPA TSCA: This product is in compliance with the Toxic Substances Control Act's Inventory requirements.

FEDERAL REPORTING**EPA SARA Title III Section 313**

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Chemical Name	CAS#	%

WHMIS STATUS: Unless listed below, this product is not controlled under the Canadian Workplace Hazardous Materials Information System.

D2B D1B D2A

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