



## CAL551-008 AMBIENT CURE ADHESIVE

Multiyear Protection Water Based Adhesive

### PRODUCT PROFILE

#### DESCRIPTION

A water based adhesive providing multiyear protection for tank chimes, pipe supports, pump bases or other areas where water may be trapped or vibrations may create an environment unsuitable for a rigid film. Contains recycled rubber products that provide moisture resistance, flexibility, and UV resistance.

The preferred adhesive for securing spill containment barriers to floor surfaces. Can be dispensed from a caulk gun.

### TECHNICAL DATA

#### PHYSICAL PROPERTIES

Weight (lb/gal)	10.47
Resin Color	Gray
Hardener Color	Amber Brown
Pot Life @85° F	2 hrs
Pot Life @ 75° F	3 hrs
Tack Free @ 85° F	6 hrs
Elongation (at failure)	64%
Impact Resistance	160 in-lb
Compressive Strength	Greater than 4200 psi

### APPLICATION PREPARATION

#### MIXING PROCEDURES

1. Thoroughly mix the resin before adding the catalyst.
2. Empty entire contents of catalyst into resin container.
3. Use of non-air entraining mixer is recommended. 2 to 3 minutes on a power mixer or 5 minutes by hand is usually adequate time for mixing

### APPLICATION PROCEDURE

#### THINNING

Thinning is generally not recommended.

#### CAUTIONS

Protect from freezing. Use in temperatures of 50° F or higher for best performance. Use at 5° F (3° C) above dew point for best performance.

#### CLEAN UP

Clean water should be used for clean-up



**MATERIAL SAFETY DATA**

		RESIN	HARDENER
<b>HAZARDOUS INGREDIENTS</b>		<b>Novolac Resin</b>  CAS #28064-14-4 10-40% Exposure limits: TLV PEL: none established	<b>Tris</b> (dimethylaminomethyl phenol) CAS #90-72-2 20% or less eye irritant  <b>Modified Polyamine</b> CAS # (Trade Secret) 80% or less  Exposure limits: none established  Irritant
<b>PHYSICAL DATA</b>		RESIN	HARDENER
	Specific Gravity	1.39	1.05
	% Volatiles by volume	Nil	< .5%
	Appearance/Odor	Brown	Brown/Slight sweet odor
	Melting Point	< 0 degrees F (-18 <sup>0</sup> C)	< 0 degrees F (-18 <sup>0</sup> C)
	Solubility in Water (% by weight)	Negligible	Negligible
	pH	ca 5	ca 10
<b>FIRE AND EXPLOSION DATA</b>		RESIN	HARDENER
	Flash Point	> 300o F (149o C)	> 200o F (93o C)
	Extinguishing Media	Carbon Dioxide, foam, dry chemical	
	Special Procedures	Use a self-contained breathing apparatus.	
	<b>NOTE:</b> decomposition and combustion products may be toxic		
<b>HEALTH AND HAZARD INFORMATION</b>		RESIN	HARDENER
	Inhalation	LC <sub>50</sub> (rabbits): 6000 mg/kg	LC <sub>50</sub> : possible respiratory irritant if atomized
	Skin Contact	LD <sub>50</sub> (rabbits): 4000 mg/kg	Possible irritant, dermatitis in extreme
	Eye Contact	Irritating	Severe Irritant
	Ingestion	LD <sub>50</sub> (rabbits): 4000 mg/kg	LD <sub>50</sub> (rats): 3000 mg/kg
	Acute Overexposure	Irritation, possible sensitization	Irritation, possible sensitization, nausea
	Chronic Overexposure	Skin sensitization, dermatitis	Skin sensitization, may be corrosive



		RESIN	HARDENER
<b>EMERGENCY FIRST AID PROCEDURES</b>	Ingestion	If large amounts are ingested, induce vomiting if conscious.	Call physician immediately. Give generous amounts of water if conscious. <b>Do not</b> induce vomiting.
	Inhalation	Remove to fresh air. Give oxygen if breathing is difficult.	
	Eyes	Immediately flush eyes with water for 15 minutes. Call physician.	
	Skin	Promptly wash with mild soap and water.	
<b>REACTIVITY DATA</b>	Conditions contributing to instability	Stable	<b>Do not</b> heat in bulk as dangerous decomposition may occur, liberating toxic fumes.
	Hazardous Decomposition Products	Carbon Monoxide, Carbon Dioxide, Phenolics	Carbon Monoxide, Carbon Dioxide, Phenolic Nitrogen Oxides and Compounds
	Conditions Contributing to Hazardous Polymerization	Will not occur	Heating in bulk
	Incompatibility	Strong oxidizers, strong acids and bases	
<b>DISPOSAL OR SPILL PROCEDURES</b>	Aquatic Toxicity	Not available at this time	Not available at this time
	Steps to be taken if material is spilled	Shovel into closeable container for disposal.	Absorb into sand or other absorbent material. Shovel into closeable container and dispose of in professional manner.
	Waste Disposal Method	Not considered hazardous under RCRA (40CFR 261) Dispose according to state, federal and local regulations.	
<b>SPECIAL PROTECTION MEASURES</b>	Ventilation Requirements	Good general mechanical ventilation and local exhaust	
	Specific Personal Protective Equipment	Organic chemical cartridge respirator if needed in non-vented area	
	Eyes	Splash-proof chemical goggles	
	Gloves	Impervious gloves	
	Other	Appropriate equipment to prevent probability of skin and eye contact.	



**SPECIAL  
PRECAUTIONS**

Can cause irritation; wear protective skin and eye equipment.  
**Do not** heat in bulk; dangerous decomposition may occur, liberating toxic fumes.

This product is not regulated by the DOT and is not considered a hazardous waste under the RCRA.

MSDS information provided by the manufacturer.

Please call Calicorp for additional information regarding this product or its application

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