LIFE SPECIALTY COATINGS Est. 1963

EPOXIES
TECHNICAL DATA SHEET

CL
25-96 CLEAR EPOXIES
Clear Water Based Epoxy 3:1

DESCRIPTION
A high gloss premium quality 2 part water base epoxy coating that provides epoxy toughness, chemical resistance and durability with the convenience of a water base system and long pot life.

USES, FEATURES & BENEFITS
ADVANTAGES
- Easy water clean-up
- Long pot life
- Fast drying
- Epoxy toughness
- Excellent chemical and solvent resistance

USES
- Interior concrete floors
- Industrial floors
- Garages
- Showrooms
- Warehouses
- Kitchens
- Restaurants

PACKAGE
Mix thoroughly 3 Parts "A" with 1 Part "B" Part "A" or Part "B" will not dry or cure if used alone.

FINISH: High Gloss

COLORS AND TINT BASES:
- -96 Clear

TECHNICAL & PHYSICAL PROPERTIES

A & B Mixed	
Type:	Two component water base epoxy
Diluent:	Water
Solids Content:	48-50% by weight 45-47% by volume
Viscosity:	80-90 KREBS units
Flash Point:	N/A
Maximum V.O.C.:	50 grams per liter

DIRECTIONS
RECOMMENDED SURFACES: For interior use only unless protected by another product with a UV inhibitor such as our aliphatic urethane. Uses include industrial floors in factories, restaurant kitchens, schools, hospitals, food processing, garage floors, dairies and warehouses.

INSPECTION: Surface must be structurally sound, dry and free of oil, grease, curing agents, dirt, dust or other foreign material that may prevent proper adhesion. Surface must be porous and profiled. The concrete should be at least 2500 psi and feel like 30-grit sandpaper. The concrete should be porous and be able to absorb water. A minimum of 28 days cured is required on all concrete. Relative humidity in the concrete floor slab should be below 80% (per ASTM F-2170). Before starting flooring work, test existing concrete slab to make sure there is no efflorescence or high levels of alkalinity. ***Calcium chloride tests should be conducted*** to determine if the concrete is sufficiently dry for an epoxy flooring installation in accordance with the latest edition of ASTM F 1869, Standard

Test Method for Measuring Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride.
Failing to adhere to these strict guidelines can result in product delamination, discoloration, blistering, or all together failure of the coating system. Testing is the responsibility of the applicator. Life Paint bears no responsibility for failures due to any of the above conditions.

COVERAGE: As a primer: Up to 500 sq. ft. per gallon when thinned with water. As a coating: 250-350 sq. ft. per gallon. Read complete instructions for more details.

CLEAN-UP: Uncured material can be removed with soap and water. Cured material can only be removed mechanically.

MILDEW: DO NOT PAINT OVER MILDEW. Mildew is a fungus, brown, black, grey or even white in color, and will rapidly grow through any coating applied over it. A solution of 50% household bleach and 50% water will kill the mildew. See precautions on bleach label for handling before using.

SURFACE PREPARATION: Prepare surface by sanding, grinding, water and/or sandblasting or bead blasting to achieve a clean, porous and uniform surface that will allow product to soak in and bond permanently. Over Concrete Surfaces: Shotblasting is the preferred preferred method for preparing the concrete. In some cases you may prepare by acid etching, floor scrubbing with a nylogrit brush and waterblasting to achieve a clean and uniform surface that feels like 30 grit sandpaper. If acid etching is done, be sure to properly etch and then adequately neutralize by scrubbing and rinsing several times followed by power washing. Muriatic Acid (blended 1:4 with water) may be used to etch concrete and will require baking soda or soda ash to neutralize. (Please use caution when working with acid. Read and follow all warnings and instructions on label). Clean surface entirely with TSP and rinse completely with water several times. Remove mildew or algae using 50/50 blend of household bleach and water. (Do not allow bleach to come into contact with acid). Read bleach instructions and warnings carefully before using. Rinse thoroughly. The surface must be porous enough to allow the product to soak in. Surface should feel like 30 grit sand paper.

MIXING: Mixing - Top Coat: In a clean and dry bucket thoroughly mix three parts A and one part B together. Combine using an agitator, jiffy mixer or stir stick. Mix for at least 2 minutes or until completely combined. Allow the mixture to rest for 10-15 minutes before application to ensure full gloss development and physical properties. Only prepare the amount you can use in 4 hours or less.

ANTI-SKID ADDITIVE: 8 oz to 16 oz of anti-skid additive may be added per gallon. (See anti-skid specifications for more details). Application: Use a 1/4 inch nap mohair or shed-free roller for the main area. Begin by cutting in the edges and trim with a brush. The center may be done like you would normally paint a surface, being sure to overlap and back roll each area carefully. For best results apply at least 2 thin coats at 250 sq. ft. per gallon. (Allow first coat to dry before applying second coat).

DRYING TIME:

1. At normal conditions (77° Farenheit & 50% Humidity) to touch in less than 2 hours.
2. You may re-coat in approximately 6 hours.
3. Should not be applied to surfaces having temperatures below 55°F.
4. Light foot traffic in 6 hours, normal foot traffic in 24 hours, vehicle traffic in 96 hours.

CLEAR GLOSS ENAMEL PROPERTIES

Pot Life, hr	4
Mixed Viscosity KREBS Units	82-90
Gloss, 60o spec, 1 day	>90
Gloss, 60o spec, 4 day	>90
Tack Free Time, 6hr	40 min
Hard Dry Time, 6hr	6-8 hr
Mix Ratio	3:1

DISCLAIMER: All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy himself, by his own information and tests, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazards listed herein are the only ones that may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether verbal or in writing, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and LIFE PAINT makes no claim that these tests or any other tests, accurately represent all environments.

Warranty: When the warranted product is applied in accordance with this technical data sheet, label instructions and common sense widely accepted painting practice and procedures, Life Specialty Coatings will warrant said product against manufacturing defects that might cause premature failure such as blistering, peeling, or unusual wear. Directions are as complete as possible but cannot encompass all conditions, applications, and/or surfaces beyond manufacturer's control. In the event of a warranted failure and upon the presentation of proof of purchase, the remedy will be the provision price for said product. This warranty does not include labor or the costs associated with labor. This warranty may not be transferred or assigned and extends specific legal rights which may vary from state-to-state. No other warrantee is expressed or implied. Life Specialty Coatings Company, Santa Fe Springs, CA (562)944-6391