



ACID RESISTANT EPOXY COATING

HIGH GLOSS

TWO COMPONENT EPOXY

DESCRIPTION

Acid Resistant Epoxy Coating is a two-component acid resistant epoxy coating developed to resist battery acids. This coating is easy to mix and apply. It adheres to various surfaces including metal, concrete and wood.

Acid Resistant Coating also resists oil, gasoline, acids, caustics, and most solvents. This coating complies with USMSHA #BI-18. Uses include battery casings, enclosures, protective linings, battery acid storage areas and other areas requiring resistance to sulfuric acid.

SURFACE PREPARATION

Acid Resistant Coating must be applied to only clean dry surfaces. Remove old loose and flaking paint, rust, loose debris by mechanical means. Remove oil, grease, dirt, wax, etc. with a water-based cleaner/degreaser.

APPLICATION and MIXING

1. Thoroughly pre-mix contents of each container preferably with a mechanical mixer (such as a drill motor with a Jiffy mixing blade) until mixed material assumes a uniform color and appearance.

2. Mix one part by volume of Part A with one part by volume of part B. Mix thoroughly 3-5 minutes as indicated above.

PROPERTIES

VOC

- 3.1 lbs per gallon (375 grams/ liter)

Volume Solids

- 55%

Mix Ratio

- 1 to 1 by volume

Dry Time To Touch

- 2 hour @ 70°F (21°C)

Dry Time to Handle

- 8 hours @ 70°F (21°C)

Estimated Coverage

- 880 sq.ft./gal @ 1 mil dry

Weight per Gallon

- 9.6 lbs. /gal. mixed

Packaging

- 1 or 5 Gallon Cans

Standard Colors

- 83K9501/83C9279 Black
- 83Y8592/83C9279 Yellow

3. **Acid Resistant Coating** can be applied at surface temperatures between 50°F and 120°F. Application below 50°F is not recommended.

4. **Acid Resistant Coating** can be applied by roller or spray equipment.

ROLLER

Do not thin. Use a smooth roller that is solvent resistant.

Drying time will vary with temperature. Protect exterior applications from rain for at least 12 to 24 hours. For full cure, protect application from extended exposure to water, oil and chemicals for 5 to 7 days.

SPRAY

Sprayed applications will result in a uniform appearance. **Acid Resistant Coating** may be sprayed with spray equipment for solvent based paints and coatings.

Clean up all equipment after spraying or rolling with lacquer thinner. Cured epoxy is difficult to remove.

Surface Maintenance

Acid Resistant Coating is easy to clean with a detergent or degreaser. **Acid Resistant Coating** is extremely durable.

CAUTION

Read Material Safety Data Sheet before using this material.

Contains Solvent. Use only with adequate cross ventilation. Keep away from extreme heat, sparks and open flame. Avoid prolonged breathing of vapors. For dizziness, seek fresh air. Toxic material. Avoid contact with skin. Use gloves, goggles and coveralls. In case of spillage on clothing, change clothing to prevent prolonged contact with skin. Wash contaminated clothing before reuse. Discard contaminated shoes. In case of accidental contact with skin, wash immediately with soap and water. In case of eye contact, flush thoroughly with plenty of water and call physician. If swallowed accidentally, do not induce vomiting. Seek medical attention immediately.

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