SURFACE SEAL #2126/2127

Solvent-Base 2 Part Epoxy Coating

Features:

- Premium epoxy coating
- Waterproof, highly resistant to heavy traffic, acids, caustics and fuels
- Provides a high gloss appearance
- Highly resistant to heavy traffic and chemicals
- Solvent-borne formula
- Can be applied to previously painted surfaces

Description:

SURFACE SEAL is a premium, 2-component catalyzed, polyamide epoxy coating with exceptionally high gloss, hardness and overall performance. Designed to protect and beautify interior and exterior masonry, metal and fiberglass, the application possibilities are endless. It produces a heavy duty, high gloss film that is highly resistant to scrubbing, scuffing, and various industrial chemicals including strong acids. Not only does it provide an excellent visual appearance, it is outstanding for use where wearing, abrasion, algae and mildew are a problem. This high solids formulation is easy to apply and maintain making it ideal for residential, commercial and institutional applications. Coating is not UV resistant and will get dull when used outside. Coating thickness is 3-4 mils when wet and 1.5-2 after drying. Can be applied to previously painted surfaces.

Applications:

- Concrete
- Cement Block
- Storage Tanks
- Drainwells
- Drywall
- Fiberglass
- Metal
- Brick
- Pumps
- Plaster
- Wood
- Steel Pipes
- Hardboard
- Concrete Floors
- Automotive Undercoating

Product Characteristics:

	Part A Gray	Part B Gray	Part A Black	Part B Black
Form:	Liquid	Liquid	Liquid	Liquid
Color:	Light tint base	Clear	Black	Clear
Odor:	Pungent	Pungent	Pungent	Pungent
Boiling Point/Range:	138°C (280°F)	>114°C (>237°F)	>138°C (>280°F)	>114°C (>237°F)
Solids Content:	67.7%	47.2%	67.7%	47.2%
Evaporation Rate:	Slower than ether	Slower than ether	Slower than ether	Slower than ether
Solubility/Miscibility (water):	Not miscible or difficult to mix	Not miscible or difficult to mix	Not miscible or difficult to mix	Not miscible or difficult to mix
Organic Solvents:	32.3%	52.8%	44.5%	52.8%
Flash Point:	34°C (93°F)	29°C (84°F)	34°C (93°F)	29°C (84°F)
Vapor Density:	Heavier than air	Not determined	Not determined	Heavier than air
Density @20°C (68°F):	1.634 g/cm³ (13.636 lbs/gal)	1.128 g/cm³ (9.413 lbs/gal)	1.35 g/cm³ (11.266 lbs/gal)	1.128 g/cm³ (9.413 lbs/gal)
Auto-Ignition Temp:	Product is not self-igniting	Product is not self-igniting	Product is not self-igniting	Product is not self-igniting.
Ignition Temperature:	500°C (932°F)	460°C (860°F)	500°C (932°F)	460°C (860°F)
VOC Content:	17.0% <340 g/l when blended with Part B	22.5% <340 g/l when blended with Part A	18.7% <340 g/l when blended with Part B	22.5% <340 g/l when blended with Part A
Storage:	Store locked up. Store in a well-ventilated place. Keep cool.			
Transport Information:				
Proper Shipping Name:	Paint	Paint	Paint	Paint
UN Number:	UN1263	UN1263	UN1263	UN1263
Class:	3-Flammable liquids	3-Flammable liquids	3-Flammable liquids	3-Flammable liquids
Packing Group:	III	III	III	III

SURFACE SEAL CONTINUED:

Solvent-Base 2 Part Epoxy Coating

Directions:

SURFACE PREPARATION: Proper surface preparation and application is critical in obtaining optimum performance of this product. All surfaces must be clean, dry, and free from dirt, mildew, chalk, algae, tanning lotion, rust, efflorescence, laitance, loose paint and other foreign matter. All spalling, powdery, or unsound masonry and any cracks, holes, or other imperfections must be repaired with a proper material suitable for pool use. All rust must be removed by mechanically abrading or sand blasting.

Bare Masonry: New pools should age at least 60 days and repaired surfaces should age at least 30 days before starting surface preparation. After aging, clean the surface with a cleaner/degreaser to remove any contaminates. Rinse completely and allow to dry. Then etch surface with dilute muriatic acid to promote coating penetration and adhesion. Rinse with clean water until all residue is gone. Repeat as necessary until the masonry has the roughness of fine sandpaper. Any loose aggregate must be rinsed to a clean, sound surface. Allow to dry completely before painting, usually 2-3 days under good conditions with moderate ventilation.

Bare Metal & Fiberglass: Make sure the surface is clean as stated above. Glossy metal or fiberglass should be lightly scuff sanded and cleaned to promote adhesion. Apply this product directly to the surface; no primer is necessary.

Previously Painted Surfaces: If the previous coating is sound, clean using a cleaner/degreaser. Rinse well. Repeat as needed until the surface is completely clean including the removal of all chalk and tanning oils. A power washer may aid in the cleaning process. Any bare spots or damage should be repaired then follow bare surface directions above. Glossy surfaces must be scuff sanded and cleaned to promote adhesion. Allow to dry completely before painting, usually 2-3 days under good conditions with moderate ventilation. Coatings in poor condition must be removed to a sound substrate then follow the appropriate bare surface directions above.

MIXING AND APPLICATION:

1. Mix and apply when rain is not expected for 3-5 days, temperature is 50-90°F and relative humidity is less than 85%.
2. Pour all of Part B (909-00) into pigmented Part A (909-XX) and mix thoroughly with a drill mounted mixing blade. Mix until a uniform color is obtained (generally 3-5 minutes). Avoid air entrapment. Let sit for
30 minutes after mixing for induction.
3. Pot life after mixing is 8 hours. Do not use beyond this timeframe even if product appears normal as this may lead to coating failure.
4. Apply without thinning by brush, roller, or spray at 400-500 square feet per gallon. Square foot averages may vary depending on surface texture and porosity. Do not paint in direct sunlight but follow the shade.
5. Work the coating into pores to produce a continuous, uninterrupted film. Apply in multiple coats at the recommended spreading rate. For best results, 2 coats are suggested for all applications and a minimum of 2 coats are required on bare masonry in order to ensure sufficient film thickness and filling of all voids.
6. Allow unused material to harden in the can and then discard in accordance with local, state, and federal regulations.

Directions (Continued):

DRYING: This product dries for recoating in 12-18 hours under good conditions. If over 24 hours lapses between coats, lightly scuff sand and re-clean the surface before applying the next coat. Allow the paint to cure for at least 7 days before use. Cool temperatures, high humidity, heavy film thicknesses or poor ventilation will extend drying and recoat times. For interior applications, mechanical ventilation must be supplied throughout the 7 day curing process (see warnings below)

CLEANUP: Clean equipment immediately after use with xylene or Aromatic 100 and dry for storage. Note: When using solvents, acids, cleaners or any chemicals, follow manufacturer's label directions for use and recommended protective equipment

Pot Life: 8 hours
Coverage: 500-550 sq ft per gallon
Curing Time: Tack Free: 4 hrs
Recoat: 12 – 18 hrs
Hard: 24 hrs

Package: This is a 1-to-1 mixture package is 2-1 gallon cans per kit.

NOTE: All dry and cure times are based on 75°F at 50% humidity. Individual dry times and pot life may vary depending upon other conditions. Application is not recommended where the indoor relative humidity is over 80% or where the surface temperature to be coated is led than 60°F. For best results, apply two thin coats rather than one thick coat.

*More information on label

Pictograms:

Gray and Black A and B

Signal Word:
DANGER. A. Gray A. Black and B. Black
Warning. B Gray

Personal Protective Equipment Required:

DOT Placard: