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PRODUCT DESCRIPTION

PLOYUREA 70 is a two-part high solids, high build sealer designed for use on concrete or masonry surfaces. **POLYUREA 70** allows for single coat high film thickness in a water clear finish that may also be tinted to specifications. **POLYUREA 70** provides a very smooth, mirror like finish not attainable with any other product. In addition, **POLYUREA 70** does not yellow or deteriorate under UV rays; it is highly resistant to chemicals and will greatly increase the useful life of any surface it's applied on.

POLYUREA 70 is a Polyurea sealer made with premium resins, it is non-yellowing and resistant to oil, gasoline, grease, acid, deicing salts, ultra violet rays, wet and dry abrasion, and most household chemicals. **POLYUREA 70** contains unique resins and solvent formulations designed for maximum penetration into the concrete pores providing great adhesion to the surface. It enhances the depth and color of natural surfaces and provides a long lasting protective, mirror like finish that's ideal for decorative concrete surfaces.

POLYUREA 70 is a two part Zero VOC sealer. It should not be diluted with xylene, toluene or any solvent. Do not thin. Use straight as it comes.

ADVANTAGES

- Zero VOC, compliant in all states. CA & NY included.
- Non-Yellowing
- Dries water clear
- Penetrating
- Fast drying
- Enhances color of decorative concrete.
- Reduces alkali/efflorescence attack.
- Resistant to chemicals.
- Prolongs life of surface
- Freeze thaw resistance exceeds 360 cycles.
- Maintains surface cleanliness
- Easy to apply
- Prevents mildew and fungi
- Improves weathering resistance of natural and manufactured brick products.
- FDA approved for incidental food contact.

SURFACE PREPARATION

Concrete shall be sound, fully dry, free of dust, dirt, grease, oil, suntan lotions, and any other contaminants that may affect bonding to concrete, has to be able to reach the capillary canals to effectively bind itself to the concrete. If there are any surface defects such as crack, pop outs etc, they should be repaired before applying sealer.

Concrete should be cured for at least 14 days and there must be no surface moisture present. Prepare the surface by either mechanical abrasion or acid etching with a strong acid-water solution to create a profile for the sealer to bond to.

PRIMING: No primer is necessary.

MIXING: Mix Part-A and Part-B in equal parts by volume. Do not mix more than can be put down in 20 to 30 minutes, less time if it is a hot day.

APPLICATION: Apply with a 1/4 to 3/8" nap roller, brush or airless sprayer at a rate of 200 to 400 square feet per gallon. Do not apply at less than 150 sq. ft. per gallon. Recoating time is 2 to 3 hours.

LIMITATIONS:

- Substrate must be fully dry before application. If not sure of the conditions a moisture test should be performed before sealer applications.
- Do not apply at temperatures below 35°F (7°C)
- Do not apply if rain is expected within 6 hours of completed installation.
- Do not apply other coatings (epoxy, urethanes, etc.) over this material.
- Do not install concrete overlays, other toppings or surface treatments over this material.
- Do not install in enclosed structures without adequate ventilation.
- Test area for sealer acceptance and desired results.
- Clean tools and equipment with Xylene.

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable, and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed

TECHNICAL DATA AND SPECIFICATIONS:

Coverage Rate.....	300 to 400 ft ² per gallon.
Packaging.....	2 gallon kit
VOC.....	0 Gms x liter
Color.....	Water clear
Water Miscible.....	No
Solids.....	65 %
Shelf Life.....	1 year
Recoat Time.....	2 to 4 hours
Application Temperature.....	35°F to 90°F
Flash Point.....	114° F

CHEMICAL RESISTANCE:

Reagent:	Rating:
Transmission Fluid.....	No effect
Gasoline.....	No effect
Motor Oil.....	No effect
5 % Sulfuric Acid.....	No effect
30 % Hydrochloric Acid.....	No effect
Detergent.....	No effect

PRECAUTIONS:

COMBUSTIBLE: Contains solvents. Vapor and spray mist may be harmful. Overexposure may cause lung damage and allergic skin and respiratory reactions. Repeated and prolonged exposure to solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness, and loss of coordination are signs that solvent levels are too high. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Do not breathe vapor or spray mist. *A POSITIVE PRESSURE, SUPPLIED-AIR RESPIRATOR IS RECOMMENDED* with eye protection, gloves, and protective clothing during application. A vapor particulate respirator may be appropriate where airborne monitoring demonstrates vapor levels below ten times the applicable exposure limits. In all cases, follow respirator manufacturer's directions. Do not permit anyone without protection in the working area. Keep away from heat, sparks, and flame. *VAPORS MAY CAUSE FLASH FIRE.* Close container after each use. Use only with adequate ventilation. Do not breathe vapors, spray mist, or sanding dust. Do not get in eyes or on skin. Wash thoroughly after handling.

FIRST AID: If affected by inhalation of vapors or spray mist, remove to fresh air. If breathing difficulty persists or occurs later, consult a physician and have label information available. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and call a physician. For skin, wash thoroughly with soap and water. In case of ingestion, DO NOT induce vomiting. Get medical help immediately.

IN CASE OF: FIRE – Use foam, CO₂, dry chemical, or water fog.

SPILL – Absorb with inert material and dispose of in accordance with applicable regulations.

DISPOSAL: Empty container with product residue may still be flammable; follow all hazard statements until it has been disposed of. Consult your sanitation department for more information on disposal of empty containers. Contact your local or state-designated environmental agency for information concerning reuse, recycling, of disposal of solvent-borne paint.

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