

Alliance Specialty Products

High Performance Polymers

ASP 321LTLVP

Low Temperature, Low Viscosity Primer

PRODUCT DATA SHEET

Product Description

ASP 321LTLVP is a low temperature cure epoxy primer for use under epoxy flooring systems. ASP 321LTLVP is a low viscosity, low odor primer which can be used in the food service industry or in occupied areas. The material has excellent wetting qualities and good clarity, so it may be used under epoxy or urethane coating systems as well as epoxy topping systems. ASP 321LTLVP should be used with ASP 421 Flooring Systems.

Product Features

- Excellent wetting properties facilitate penetration into concrete
- Contains no water or solvents.
- Low odor and non-volatile, allowing use in occupied facilities.
- Low blush.
- Ideal for broadcast floors.
- Positive cure between 32° and 60° F.
- Allows for faster recoat.

Uses

- Primer under broadcast or decorative systems.
- Primer coat for thin mil coating.

Coverage

- 200 square feet per gallon yields ~8.0 mils DFT.

Installation Guide

-Preparation

- Surface must be properly prepared, consult ASP Concrete Preparation Bulletin for details.
- Minimum application surface temperature is 32° F, preferred 40-60° F.

-Mixing

- Observe all precautions on the MSDS and label when using ASP products.

- Mix 3 parts resin, (part A), with 1 part hardener, (part B).
- Mix using a slow speed drill for at least 2 minutes.

-Application

- Mixed Primer may be poured onto concrete and distributed evenly using a squeegee.
- Cut in edges, door frames, and around machine legs with a brush.
- Back roll primer with a medium nap roller.
- Do not allow material to puddle
- If surface is rough or irregular, use a longer nap roller cover for more even coverage.

-Cure

- ASP 321P- LTLV will 'tack' in 30-90 minutes.
- Topping may be applied immediately and must be installed before primer cures.
- Re-prime cured areas before installing toppings.
- Coatings should be applied after 5-6 hours at 50° F.

-Clean-Up

- Clean skin with soap and water.
- Use MEK or proprietary epoxy thinners for equipment.

First Aid

-Inhalation

- Remove to fresh air; if breathing difficulty develops, call a physician.

-Eyes

- Flush with water for at least 15 minutes and call a physician.

-Skin

- Wash affected area thoroughly with soap and water.

-Ingestion

- DO NOT induce vomiting, call a physician. See MSDS for more details.

Properties

Composition:	Two component, amine adduct cured epoxy
Color:	Clear, Amber
Gloss: @ 60°	100
Weight/gal:	9.18lbs, mixed
Solids Content:	100%
Mix Ratio:	3A:1B by volume
Pot Life:	4 minutes at 70° F
Viscosity:	~250-350 cps, mixed
Tensile Strength:	8500 psi
Elongation:	5.5%
Adhesion to Concrete:	350 psi (concrete fails)
Hardness:	75 (Shore D)
Abrasion Resistance:	35-40mg loss -CS-17 wheel, 1kg load, 1000 cycles Service
Service Temperature:	160° F (immersion) 180° F (dry heat)

Packing

Unit	Part A	Part B
4 gal	3 gal	1 gal
20 gal	3x5 gal	1x5 gal
200 gal	3x50 gal	1x50 gal

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Safety

- MSDS are available from ASP and should be consulted prior to use of this product.
- This product is intended for use by professionals only.
- Keep away from children and those not trained in the use of this product and the potential hazards.
- **ASP 321P- LTLV** is a two component epoxy system. Part A contains epoxy resin; part B contains amine epoxy adduct.
- Workers should wear gloves and goggles when mixing or applying product.
- Clean up with soap and warm water.
- Be sure to follow all label and MSDS cautions.

Warranty

ASP warrants its products to be free of defects and conform to manufacturing standards for a maximum period of one year. ASP will replace the product or refund the purchase price at ASP's discretion. Buyer expressly waives claim to additional damages. Any warranty claim must be made in writing no later than one year from the noncomplying product's purchasing date. No one, including, but not exclusively, distributors, representatives, or applicators, may make modifications to the product data or warranty or extend any form of oral warranty on behalf of ASP.

Important Notice

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