

Alliance Specialty Products

High Performance Polymers

ASP 221UVS

Ultraviolet Stable Clear Epoxy Coating

PRODUCT DATA SHEET

Product Description

ASP 221UVS is a unique combination of UV stable materials designed to provide a NON-yellowing, weather resistant coating. This chemical and abrasion resistant coating remains clear, even under strong fluorescent lighting. As a top coating for aircraft hangers, walkways, or parking decks, this coating provides excellent protection against sunlight degradation in an easy to install, safe epoxy coating.

Product Features

- Excellent wear resistant top coating.
- Color stable, NON-yellowing finish.
- Good for outdoor uses and in high traffic areas.

Uses

- Top finish coat for areas exposed to high traffic or high levels of UV light.
- Parking decks and other areas exposed to direct sunlight.
- Aircraft hangers.
- Over quartz floor decorative systems.

Coverage

- 200 square feet per gallon yields ~8.0 mils DFT.
- Two coats are recommended for general use.

Installation Guide

-Preparation

- Surface must be properly prepared, consult ASP Concrete Preparation Bulletin for details.
- Minimum application surface temperature is 40° F, preferred 65-75° F.

-Mixing

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

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

-Application

- Mixed material may be poured onto properly prepared surface and distributed evenly using a squeegee.
- Cut in edges, door frames, and around machine legs with a brush.
- Back roll material 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 221UVS will 'tack' in 30-90 minutes.
- Recoating may be applied after 8-10 hours at 70° 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, cycloaliphatic amine adduct cured epoxy
Color:	Clear
Gloss: @ 60°	100
Weight/gal:	9.22lbs, mixed
Solids Content:	100%
Mix Ratio:	2A:1B by volume
Pot Life:	20 minutes at 70° F
Viscosity:	~950 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
3 gal	2 gal	1 gal
15 gal	2x5 gal	1x5 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 221UVS** is a two component epoxy system. Part A contains epoxy resin; part B contains cycloaliphatic amine 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

There are no other warranties by ASP of any nature whatsoever other than those printed herein, expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. Buyer agrees that seller assumes no liability for incidental or consequential damages of any kind from the use or misuse of the product. Preceding information is based on data collected by ASP and is believed to be accurate. The Buyer is responsible for making the decision as to the suitability of the product for a particular purpose.