

Alliance Specialty Products

High Performance Polymers

ASP 321EJF Elastomeric Joint Filler PRODUCT DATA SHEET

Product Description

ASP 321EJF is a 100% solids, elastomeric joint filler designed for sealing working joints and cracks in concrete floors and walls.

Product Features

- Polyurethane performance without free isocyanates.
- Will cure in cold or damp environments.
- Contains no solvents
- Low odor, can be applied in occupied facilities.
- Does not contain asphalt or coal-tar.
- Does not become brittle with age.
- Excellent chemical and abrasive resistance.

Uses

- Working concrete joints.
- Cracks in concrete.

Coverage

- 1 mixed gallon yields about 230 cubic inches, about 150 feet for a 1/2" x 1/4" joint.

Installation Guide

-Preparation

- Joint should be routed and all debris removed via vacuum or compressed air.

-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

- Pour into joint just below the concrete level.
- An additional pour may be required after 15-30 minutes.

-Cure

- Light human traffic: 18 hours.
- Heavy traffic: 2 days
- Full chemical cure: 7 days.

-Clean-Up

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

Properties

Composition: Two component, polyamine adduct cured epoxy

Color: Standard

Gloss: 100
@ 60°

Weight/gal: 8.87lbs, mixed

Solids Content: 100%

Mix Ratio: 3A:1B by volume

Pot Life: 30 minutes at 70° F

Viscosity: ~4750 cps, mixed

Tensile Strength: 450 psi

Elongation: 270% at 75° F

Adhesion to Concrete: 350 psi
(concrete fails)

Hardness: 35-40 (Shore A)

Abrasion Resistance: 35-40mg loss
-CS-17 wheel, 1kg load, 1000 cycles Service

Service Temperature: -40° F to 200° F
(air temperature)

Packing

Unit	Part A	Part B
4gal	3 x 1	1 x 1
20 gal	3 x 5	1 x 5
200 gal	3 x 50	1 x 50

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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 321EJF** is a two component epoxy system. Part A contains epoxy resin; part B contains polyamine 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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