

TECHNICAL DATA SHEET

DESCRIPTION

Polyaspartic is a low odor, high solids, aliphatic polyaspartic coating designed to be used as a clear or pigmented U-V stable intermediate, grout, and top coat. Ideal for use as a seal coat for decorative finishes. Polyaspartic provides good chemical, stain, and abrasion resistance. The resin component is available in standard and fast cure options.

ADVANTAGES

- No VOC, Low Odor
- UV resistance, does not turn 'yellow' or 'amber'
- Standard or Fast Cure Options for
- Fast-Track Projects
- Low Temperature Curable
- Clear, High Gloss for Decorative Finishes
- Thin/Thick Applicable
- Good Temperature Resistance
- Superior abrasion, impact and wear resistance
- MicrobeBLOK Antimicrobial
- Excellent hot tire pickup resistance
- Self-priming, excellent penetrating to achieve excellent bond strength

TYPICAL USES

- Laboratories
- Garages
- Pharmaceutical Plants
- Clean Rooms
- Manufacturing
- Hospitals
- Laundries
- Kennels
- Schools
- Commercial/Retail

COMPOSITION

Two component polyaspartic polyurea

STORAGE

Materials should be stored indoors between 60°F (16°C) and 90°F (32°C)

SHELF LIFE

One (1) year from date of manufacture

IMPORTANT CONSIDERATIONS

Substrate temperature must be a minimum of 50°F
Substrate must be free of dirt, waxes, curing agents and other foreign materials
Do not apply over damp or wet substrates
Avoid applications on surfaces with active moisture vapor transmission
Very fast set (short working time)

MIXING INSTRUCTIONS

Application Equipment:

- Personal Protective Equipment (PPE) & clothing per SDS (Safety Data Sheet)
- Mixer Blade
- Clean Mixing Container
- Low Speed /High Torque Power Drill
- Shed-Resistant Roller Cover- 3/8" Nap
- Application Squeegee

APPLICATION

Surface Preparation is the most critical portion of any successful resinous flooring system application. All substrates must be properly prepared as outlined in Ultraepoxy Technical Bulletin # 1. Work must be performed by trained or experienced contractors or maintenance personnel. The Ultraepoxy service department is pleased to answer any technical questions

INSTALLATION

Polyaspartic is a two component system. Mix Part A and Part B in equal parts (1:1) using a clean, dry container. Stir gently using a mechanical stirrer, avoiding over mixing or creating vortex that could introduce moisture. Do not mix below the dew point, which will shorten the pot life. No induction time is required prior to use. After mixing the Parts A & B, Polyaspartic has a working time of 15 minutes at a temperature of 70°F and 50% RH. At higher temperatures and humidity the working time can be shorter. An industrial grade, phenolic resin core with a synthetic nap (1/4" or 3/8" nap, 18" width) roller is recommended for application.

CLEAN UP

Clean skin with soap and water. Tools and equipment should be cleaned with Xylene or Lacquer thinner. Consult MSDS for safety and health precautions

COVERAGE

Polyaspartic yields 200-250ft²/gallon at 5-6mil thickness

AVAILABILITY

Polyaspartic is available throughout the United States and Canada. Contact Duraamen representative in your area for details

MAINTENANCE

After completing the application of Polyaspartic, the installer should provide the owner with maintenance instructions

SURFACE PREPARATION

This product requires preparation in order to perform as expected. Substrate must be mechanically profiled, clean, sound, and dry.

CAUTION

Avoid scratching or gouging the surface. All floor coatings will scratch if heavy or sharp objects are dragged across the surface. Do not drop heavy or pointed items on the floor as this may cause chipping or concrete pop-outs in the case of a weak substrate cap. Rubber tires can permanently stain the floor coating from plasticizer migration. In warehouse & industrial settings, the use of non-marking tires is highly recommended to prevent discoloration. Rubber burns from quick stops and starts can heat the coating to its softening temperature, causing permanent marking.

RECOAT REQUIREMENTS

In the event of a recoat application beyond 36 hours, the existing topcoat should be lightly ground using 100-grit diamonds, vacuuming, and tack-wiping before reapplication. Please call Ultraepoxy technical support for further instructions.

CLEANING GUIDELINES & MAINTENANCE

Allow floor coating to cure at least one week before cleaning by mechanical means (e.g., sweeper, scrubber, disc machine)

CLEAN UP

Clean skin with soap and water. Tools and equipment should be cleaned with Xylene or Lacquer thinner. Consult MSDS for safety and health precautions.

WARRANTY

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TECHNICAL DATA

Mix Ratio (by volume)	1 Parts Resin & 1 part Hardener
Viscosity at 75°F	250-300cps
Solids Content	72% by volume
Volatile Organic Compound	(VOC) nil
Tensile Strength, ASTM D638	5000
Abrasion Resistance, ASTM D968	30liters sand/1 dry mil
Coverage Rate	200-250ft ² /gallon at 5-6mil thickness

DRY / CURE TIME

Pot life	20min @ 75°F
Dry to Touch	2.5 hours @ 75°F
Re-Coat	4 hours @ 75°F
Light Traffic	4 - 5 hours @ 75°F
Heavy traffic	48 hours

DISPOSAL

Dispose in accordance with federal, state and local regulations.

SDS

PLEASE SEE SAFETY DATA SHEET (SDS) FOR SAFETY AND PRECAUTIONS. USE PRODUCT AS DIRECTED. KEEP OUT OF THE REACH OF CHILDREN