



TK-POLYASPARTIC 2425

Protective Floor Coating

Item No. TK-2425

PRODUCT DESCRIPTION

TK-POLYASPARTIC 2425 is a two-component, chemically resistant polyaspartic coating offering outstanding durability and toughness against scratching and abrasion. Its high gloss finish and availability in either clear or tinted formulations make it ideal for beautifying and protecting interior surfaces.

Features:

- Incorporates a unique combination of flexibility and impact resistance for ultimate strength and surface protection.
- Excellent resistance to damage caused by chemical attack or ultra-violet rays.
- Fast drying time allows most projects to be completed within one day.

USES:

Suitable for interior or exterior use on concrete flooring or surfaces subjected to heavy traffic and abrasion or chemical/corrosive attack. Ideal for warehousing, manufacturing, industrial and automotive environments.

APPLICATION PROCEDURES:

PREPARATION:

In order to ensure optimal results, it is imperative that proper preparation and floor coating practices be administered when applying this product.

The surface must be clean, dry and free of any dirt or dust. Possible surface preparation methods include: shot blasting, sand blasting, grinding, or acid etching and finishing with a thorough rinsing of warm, clean water. Priming of the surface is recommended using a coating of TK-POLYASPARTIC 2425, TK-EPOXY COLOR SYSTEM VOC*, or TK-HI-TECH MAXIMUM SOLIDS EPOXY*. Tint primer to the desired color.

MIXING:

Mixing ratio is 1-part "A" component to 1-part "B" component by volume.

1) Combine equal parts of components "A" and "B" and mix with a low speed mixer for 1-2 minutes.

2) This product is supplied clear but may be tinted with TK-URETHANE COLORANT 1166* where color is desired. Mix 1-pint of colorant to 1-gallon of polyaspartic ("A" component only).

3) Once mixed, combine this material with the "B" component.

APPLICATION:

Immediately pour a "ribbon" of the material onto the floor, spreading with a squeegee and back rolling using a quality 3/8" nap roller. If a chip floor is desired, the color chips

TECHNICAL DATA	
Composition and Materials:	Isocyanate/Asparic Ester
Pot Life:	30 minutes at 75°F and 50% RH
Flash Point:	105°F
Dry Film Thickness:	3.8-5.8 mils
Dry Time (@ 70°F):	
Tack Free:	2 hours
Recoat:	2-4 hours
Full Cure:	4-8 hours
VOC Content:	307 g/l
A.I.M. Category:	Nonflat High Gloss Coatings Maximum VOC 380 g/l

RESISTANCE CHART	
TK-POLYASPARTIC 2425 offers the following resistance to:	
Abrasion:	Excellent
Acetic Acid (25%):	Excellent
Sulfuric Acid (10%):	Excellent
Hydrochloric Acid (25%):	Excellent
Nitric Acid (25%):	Poor
Gasoline:	Excellent
Toluene:	Excellent
Skydrol:	Good
Kerosene:	Excellent
Hydraulic Acid:	Excellent
Brake Fluid:	Excellent
Acetone:	Excellent
Blood:	Excellent
Urine:	Excellent
Hydrogen Peroxide:	Good
Isopropyl Alcohol:	Excellent

should be broadcast over the tinted polyaspartic and topcoated with two coats of clear polyaspartic.

For increased slip resistance, TK-TRI-GRIP NON-SLIP SYNTHETIC AGGREGATE*, or a broadcast of fine sand may be added to the final coat.

New Concrete Surfaces - Concrete must be 28 days old (at minimum) and should have had adequate time to fully dry before applying this product. Consult TK Products for application recommendations where concrete surfaces are less than 28 days old. Repair any surface defects, and remove any laitance of efflorescence before applying. If a curing compound has been used, it must either be removed or have fully dissipated. The surface pH should be tested, and must be at 12 or below at the time of application.

CLEAN UP:

Clean tools and equipment with Methyl Ethyl Ketone before the material dries.

COVERAGE:

Typical coverage rate is 200-300 square feet per gallon. Coverage rates are provided as a guideline only. Many factors including surface texture, porosity and weather conditions will determine actual coverage rates.

MAINTENANCE:

Minimal maintenance is required other than occasional sweeping, dusting or mopping.

FIRST AID:

- Consult this product's safety data sheet for additional health and safety information. Safety Data Sheets are available through TK distributors, the TK office and the TK website.

AVAILABILITY:

TK-POLYASPARTIC 2425 is available through TK Distributors. Contact TK Products for the nearest distributor.

Available in clear or tinted formulations.

Packaged in 2-gallon kit and 1/2 gallon kit units.

FOR PROFESSIONAL USE ONLY

NOTES:

- *TK-EPOXY COLOR SYSTEM VOC must be purchased separately
- *TK-HI-TECH MAXIMUM SOLIDS EPOXY must be purchased separately
- *TK-URETHANE COLORANT 1166 must be purchased separately
- *TK-TRI-GRIP NON-SLIP SYNTHETIC AGGREGATE must be purchased separately

03/18 Last Rev. 01/18

CONDITIONS OF SALE/ LIMITED WARRANTY

TK Products, division of the Sierra Corporation, warrants that its products conform to the label descriptions, are free from manufacturing defects, and are fit for the ordinary purposes for which such goods are used. Inasmuch as the use of TK Products' product by others and other factors affecting product performance are beyond TK Products' control, TK Products does not guarantee the results to be obtained. There are no warranties except as stated herein, either express or implied, including implied warranties of merchantability or fitness for a particular purpose. SHOULD ANY TK PRODUCTS' PRODUCT FAIL TO GIVE SATISFACTORY RESULTS, TK PRODUCTS WILL REPLACE THE PRODUCT, OR AT ITS OPTION, REFUND THE PURCHASE PRICE. THIS IS THE SOLE AND EXCLUSIVE REMEDY FOR ANY FAILURE OF TK PRODUCTS' PRODUCTS TO PERFORM AS WARRANTED AND SHALL ALSO CONSTITUTE LIQUIDATED DAMAGES IN CASE OF LOSS. UNDER NO CIRCUMSTANCES SHALL THE BUYER BE ENTITLED TO ANY OTHER REMEDY OR DAMAGES. REMEDIES FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES ARE SPECIFICALLY EXCLUDED. TK Products does not authorize any person to assume for it any other liability in connection with the sale or use of its products unless specifically authorized by TK Products in writing.

TK DISCLAIMER:

Every effort has been made to ensure the accuracy of the above information and to avoid infringement of any patent or copyright. The information is based on field tests by government and private agencies, as well as lab tests, and on technical data from raw material manufacturers. The person(s) specifying or requesting the use of these products is responsible for assuring their suitability for a specific use, as well as the proper application of the products. Where there is any question as to the suitability of a particular product, a small test patch is recommended. See also CONDITIONS OF SALE/ LIMITED WARRANTY (Section 7) above.

**TK Products Construction Coatings**

11400 West 47th Street Minnetonka, MN 55343
800-441-2129 toll free | 952-938-8084 fax | www.tkproducts.com