



**PRODUCTS**

Division of Sierra Corporation  
ISO 9001:2000 Certified

# TK-2426 POLYASPARTIC

## Technical Data

### 1. PRODUCT NAME TK-2426 POLYASPARTIC

**2. MANUFACTURER**  
TK PRODUCTS  
DIVISION OF SIERRA CORPORATION  
11400 West 47th Street  
Minnetonka, MN 55343  
952-938-7223  
952-938-8084 (FAX)  
e-mail: [tksales@tkproduct.com](mailto:tksales@tkproduct.com)  
Website: <http://www.tkproduct.com>

**3. PRODUCT DESCRIPTION**  
TK-2426 POLYASPARTIC is a two-component, chemically resistant polyaspartic offering outstanding durability against scratching and abrasion. It incorporates a unique combination of flexibility and impact resistance, while maintaining excellent chemical and UV ray protection. It's fast drying time allows most projects to be completed in one day. TK-2426 POLYASPARTIC is available in a clear formulation, or may be mixed with TK-1166 Tint Paste to produce a wide variety of colors.

**USES:**  
TK-2426 POLYASPARTIC may be used as a concrete floor coating to both protect and beautify floors in a variety of locations such as: warehouse floors, manufacturing and industrial areas, vehicle showrooms, automotive service bays, garage floors, etc.

### 4. TECHNICAL DATA

Composition:	Isocyanate/Asparic Ester
% Solids:	75 +/- 1%
Dry Film:	3 - 6 mils
Dry Time (at 70°F)	
Tack Free:	1 - 2 hours
Recoat:	2 - 4 hours
Full Cure:	3 hours
Mix Ratio:	1 part A: 1 part B by volume
Pot Life:	20 minutes at 70°F
Flash Point:	105°F

**Resistance To:**

Abrasion:	Excellent
Acetic Acid (25%):	Excellent
Sulfuric Acid (10%):	Excellent
Hydrochloric Acid (25%):	Excellent
Nitric Acid (25%):	Poor
Methyl Ethyl Ketone:	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

-VOC Content: 259 g/l.  
-A.I.M. Category: Floor Coatings, maximum VOC 400 g/l.

### 5. APPLICATION PROCEDURES AND INSTRUCTIONS

Before using this product, read the technical data sheet, Material Safety Data Sheet (MSDS) and label in its entirety.

**To ensure optimal results, it is imperative that proper preparation and floor coating practices are administered when applying this product.**

The surface must be clean, dry and free of any dirt or dust before application is performed. Any of the following methods may be used to properly prepare the surface: shot blasting, sand blasting, grinding, or acid etching and finish with a thorough rinsing.

TK-2426 POLYASPARTIC is shipped clear; if tinting is necessary use TK-1166 Tint to achieve the desired color. Use one pint of TK-1166 for every gallon of TK-2426. Be sure to mix the tint with part A before combining with part B.

Mix with a low speed mixer for 1-2 minutes. When thoroughly mixed, pour a "ribbon" of the material onto the floor and spread with a squeegee. Follow with a back rolling technique using a quality 3/8" nap roller.

Priming of the surface is recommended; use TK-2426, TK Epoxy Color System, or TK Hi-Tech Maximum Solids Epoxy. Tint primer to desired color.

If TK-2426 POLYASPARTIC is to be used to produce a chip floor, the chips should be broadcast into the second coat of tinted TK-2426 with two coats of clear TK-2426 applied over the top of the chips (recommended).

For increased slip resistance, TK Tri-Grip Non-Slip aggregate, or a broadcast of fine sand is recommended to be used in the final coat.

#### Tools Needed:

- Mixing buckets (up to 3 may be needed)
- Low speed (450 RPM) drill and mix paddle
- Porcupine or spike roller
- Roller frames, roller covers and long handles (two needed for each coat, have extras available)
- Paint brushes
- Squeegee, long handle
- Metal spike soled shoes
- Rags
- Tools to open cans; spatula stick to scrape product from containers
- Masking tape and paper
- Clean up solvent (Methyl Ethyl Ketone)

#### Coverage:

Average coverage rate for this product is 200 - 300 ft<sup>2</sup>/gallon. This should be used as a guideline only as actual coverage rates can vary due to the porosity and finish of the surface.

#### Clean Up:

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

TK-2426 POLYASPARTIC

PRODUCTS



PRODUCTS

TK-2426 POLYASPARTIC

**Precautions:**

Avoid contact with eyes, skin and clothing. Avoid inhalation of vapors. Wash thoroughly after handling this material. KEEP OUT OF REACH OF CHILDREN. Do not allow vapors to penetrate into foodstuffs. Remove animals from the area until all fumes have dissipated. Do not reuse the empty container and dispose of containers in accordance with all applicable regulations.

**Maintenance:**

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

**6. AVAILABILITY**

TK-2426 POLYASPARTIC is available through TK Products distributors. Contact the TK office for the nearest distributor. Packaged in 2-gallon kits.

**7. 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.

**8. TECHNICAL SERVICES**

The TK office offers assistance with specifications, performance test data and field services.

**9. FILING SYSTEMS**

Information Handling Services  
PO Box 1213  
Englewood, CO 80150  
Information Marketing Services  
13271 Northend  
Oak Park, MI 48237

**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.

**FOR INDUSTRIAL USE ONLY****11/09**