



**PRODUCTS**

Division of Sierra Corporation  
ISO 9001:2000 Certified

# TK-1900 WATER BASE URETHANE

## Technical Data

### 1. PRODUCT NAME

TK-1900 WATER BASE URETHANE

### 2. MANUFACTURER

TK PRODUCTS  
DIVISION OF SIERRA CORPORATION  
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Minnetonka, MN 55343  
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E-mail: [tksales@tkproduct.com](mailto:tksales@tkproduct.com)  
Website: <http://www.tkproduct.com>

### 3. PRODUCT DESCRIPTION

TK-1900 WATER BASE URETHANE is a clear, glossy, non-yellowing water base urethane, specially designed for floor finishing and sealing concrete. TK-1900 WATER BASE URETHANE should be used in areas requiring special resistance properties where acrylic finishes will not be adequate.

#### BASIC USES:

TK-1900 WATER BASE URETHANE is an excellent floor finish where good chemical and abrasion resistance are needed. It can be used over many properly prepared concrete floors.

### 4. TECHNICAL DATA

#### COMPOSITION AND MATERIALS:

Aliphatic modified urethane dispersed in water and co-solvents.

-Flash Point:	>200°F
-D.O.T. Shipping Name:	Not Regulated
-Specific Gravity	1.00

#### APPLICABLE STANDARDS:

- A.I.M. Category: Floor Coating.
- V.O.C. Content Limit: 400 grams per liter.
- A.I.M. Definition: A floor coating formulated and recommended for application to concrete to enhance the appearance and protect the floor from chemical damage.

### RESISTANCE TO:

Abrasion	Excellent
Acid	Good
Alkali	Good
Humidity	Excellent
Petroleum Products	Excellent
Salt Spray	Good
Weather	Excellent

### 5. APPLICATION INSTRUCTIONS AND PROCEDURES:

#### APPLICATION:

Before buying and using this product, read completely this product's label, technical data sheet, and Material Safety Data Sheet (MSDS), available where product is purchased.

Apply in a uniform manner with brush, roller, lambswool applicator or similar or airless sprayer. Do not allow material to pond. Do not over work the product when rolling (this can produce excessive bubbling). Sealing concrete flatwork takes skill and practice. Prior to general application, a representative jobsite test area should be prepared and sealed to verify and approve suitability, proper surface preparation methods, adhesion, safety, performance, wet and dry slip resistance, appearance, application techniques and coverage.

#### DRY TIME:

At 70° F average dry time:	
Tack free	1-2 hours.
Recoat within	24 hours.
Full Cure	1 - 3 days.

#### LIMITATIONS:

Apply in temperatures above 50° F.

TK-1900 WATER BASE URETHANE can be used over previously coated floors by sanding the original coating prior to applying TK-1900. A small test is always recommended first, to insure compatibility.

### COVERAGE:

Apply at 200 -300 sq. ft. per gallon. If a second coat is desired, apply at 300-400 sq. ft. per gallon.

Coverage rates will be dependent upon the porosity of the concrete. A test patch should always be applied to determine coverage rate and compatibility with substrate.

### CLEAN UP

Clean equipment and spills with soap and water before material dries. For sprayers, pump water through the spray equipment to remove residue of material, which can clog the hose and spray gun assembly.

### PRECAUTIONS

Although TK-1900 WATER BASE URETHANE is water based, some precautions should be taken. Avoid contact with eyes, skin and clothing. Avoid breathing vapors and overspray mists. Wash thoroughly after handling. KEEP OUT OF REACH OF CHILDREN. Do not allow vapors to penetrate into foodstuffs. Remove animals from quarters until all fumes have dissipated. TK-1900 WATER BASE URETHANE in its cured state is not toxic. Do not reuse empty container. Dispose of empty containers in accordance to all applicable regulations.

For further safety controls, Material Safety Data Sheets are available through the TK Distributors, the TK Office or the TK Website.

### MAINTENANCE

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

### 6. AVAILABILITY

TK-1900 WATER BASE URETHANE is available in one and five gallon containers.

This product is also available in a matte finish, TK-1900-1. When using the matte finish, a prime coat of TK-1900 must be used first.

TK-1900  
Water Base Urethane

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**Colors Available:**

Tinting to any color is available at an additional cost. Call your TK distributor for cost and availability.

**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

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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.

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