



PRODUCTS

Division of Sierra Corporation

TK-9000 100% EPOXY CRACK FILLER

Meets Federal EPA's VOC Requirements

Technical Data

TK-9000 100% EPOXY CRACK FILLER
Concrete Bonding & Repair Materials

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TK



1. PRODUCT NAME:

TK-9000 100% EPOXY CRACK FILLER

2. MANUFACTURER

TK PRODUCTS, DIVISION
OF SIERRA CORPORATION
11400 West 47th Street
Minnetonka, MN 55343
952-938-7223
952-938-8084 (FAX)
E-mail: tkproduct@AOL.com
Website: http://www.tkproduct.com

3. PRODUCT DESCRIPTION:

TK-9000 is a two-component, 100% solids epoxy designed with state of the art epoxy resins (Part A) with low toxicity and minimal hazardous curing agents (Part B). This product contains no solvents or other fillers and is highly resistant to most acids, alkali, salts and other chemicals.

Uses:

The primary designed use of TK-9000 is to fill and seal cracks in concrete decking or floors, either interior or exterior. Because of the low viscosity of TK-9000, the material is able to flow and seep easily into small cracks in bridge decks or concrete slabs (the viscosity is 60-70 KU; as a comparison, 30 weight motor oil is 70 KU). Cracks filled and sealed with TK-9000 are filled for the life of the slab because it has such tenacious holding power; this characteristic is an important element when the product is used for patching concrete, anchoring or potting bolts and machinery.

4. TECHNICAL DATA:

Product Specifications and Standards:

	Part A	Part B
Color:	Clear	Clear
Weight/Gal.	9.2 lbs.	7.96 lbs.
Solids Content:		100%

PART A & PART B MIXED

Viscosity: 70 KU
Pot Life: Approx. 15-20 min. at 65°F
Knoop Hardness: Exceeds 5,000 PSI
Elongation: 20-30% at 28 days
Flexural Strength: Reinhart Beam
Compressive Strength: 15,000 PSI
Material can be colored concrete gray.

- A.I.M. Category: Floor Coatings
- A.I.M. Definition: An opaque coating with a high degree of abrasion resistance that is formulated and recommended for application to flooring including, but not limited to, decks, porches, and steps in a residential setting.
- V.O.C. Content Limit: 400 g/l

5. APPLICATION PROCEDURES AND INSTRUCTIONS

Surface must be clean and dry, all contaminants must be removed before application.

TK-9000 can be applied by using a variety of tools, such as: a putty knife, grouting tool, baster or brush. Since this material is self-leveling, it can also be poured directly from the mixing container into the crack. The filled crack or patch should be covered with sand as a top coating to produce the same texture as the deck.

Mixing Instructions:

TK-9000 is mixed by volume, 1 Part A to 1 Part B. Mixing small amounts (two gallons) can be accomplished by hand. Mechanical mixing should be used for larger quantities.

Pot Life and Drying Time:

TK-9000 at 70°F will begin gelling in approximately 20 minutes and will be hard in 30 minutes. Once the gelling has begun DO NOT attempt to use the remainder of the material. Complete hardness is obtained in approximately 4 hours. The temperature of the air, material and substrate will affect the cure time; the lower the temperature, the slower the cure time.

Limitations:

TK-9000 should not be used when the air temperature, product temperature or substrate is below 40°F.

Precautions:

TK-9000 is a combustible material. Keep away from heat, sparks and open flame. Avoid prolonged breathing of vapor and skin contact. USE WITH ADEQUATE VENTILATION. TURN OFF PILOT LIGHTS. Do not allow vapors to penetrate into foodstuffs. Remove animals from quarters until fumes have dissipated. KEEP OUT OF THE REACH OF CHILDREN.

6. AVAILABILITY

TK-9000 is available through TK Distributors. Contact TK Products for the nearest distributor.

Packaging:

- 1/2 gallon kits (contain 1 qt. each Part A and Part B)
- 2 gallon kits (contain 1 gal. each Part A and Part B)
- 10 gallon kits (contain 5 gal. each Part A and Part B)

7. LIMITED WARRANTY

TK Products, a division of The Sierra Corporation, warrants that its products conform to their 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 its products by others and other factors affecting product performance are beyond TK Products' control, TK Products does not guarantee the results to be obtained. SHOULD ANY OF ITS PRODUCTS FAIL TO GIVE SATISFACTORY RESULTS, TK PRODUCTS WILL REPLACE THE PRODUCTS OR, AT ITS OPTION, REFUND THE PURCHASE PRICE. THIS IS THE SOLE AND EXCLUSIVE REMEDY FOR ANY FAILURE OF THE PRODUCTS OF TK 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



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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. See also TK PRODUCTS DISCLAIMER section below.

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 LIMITED WARRANTY (Section 7) above.

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