

TK-9030 CRACK REPAIR

LOW VISCOSITY URETHANE/POLYUREA HYBRID



PRODUCTS

Division of Sierra Corporation
ISO 9001:2000 Certified

Technical Data

TK-9030 CRACK REPAIR
Low Viscosity Urethane/Polyurea Hybrid

TK PRODUCTS
7

TK PRODUCTS
7

TK-9030 CRACK REPAIR
Low Viscosity Urethane/Polyurea Hybrid

1. PRODUCT NAME

TK-9030 CRACK REPAIR

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: www.tkproduct.com

3. PRODUCT DESCRIPTION
TK-9030 CRACK REPAIR is a fast set low viscosity urethane/urea blend. Being low viscosity, TK-9030 can penetrate deep into smaller cracks that other crack repair products can not.

Uses:

With proper preparation, TK-9030 CRACK REPAIR can repair cracks in bridge decks and concrete slabs. Its low viscosity allows it to penetrate deep in smaller cracks.

4. TECHNICAL DATA

Composition:	Polyurea/ Polyurethane
Non-Volatile:	57 - 58%
VOC:	< 450 g/l
Gel Time:	3 - 6 min. at 70°F
Tack Free:	10 minutes at 70°F
Color:	Gray
Tensile Strength: (ASTM D638)	4230 PSI
Tensile Elongation: (ASTM D638)	3.3%
Bond Strength (WDOT Procedure):	4154 psi Hairline Crack

- ASTM C 496: "Splitting Tensile Strength of Cylindrical Concrete Specimens".
- ASTM C 666: "Resistance of Concrete to Rapid Freezing and Thawing". 300 freeze/thaw cycles.
- USDA authorization for use in meat, poultry and food processing plants.

This product is not currently regulated by the 1999 Federal EPA VOC requirements.

5. APPLICATION PROCEDURES AND INSTRUCTIONS
Crack or joint should be clean and dry. All contaminants must be removed before application. TK-9030 CRACK REPAIR is supplied in a two-component tube kit with a static mixer and flow restrictor provided.

Shake cartridge, remove retaining nut and plugs, install flow restrictor, attach static mixer and replace nut. Install cartridge in mix gun. Place mixer tip in area to be filled. Squeeze trigger to start flow. Keep steady pressure to provide proper mixing.

Note: Silica Sand can be used to stop flow in crack and joint.

Dry Time: at 70°F gels 6-10 minutes.
Tack free in 10 minutes.

Coverage Rate:
The coverage rate will vary depending on the size of the crack being filled and waste overfilled. One cartridge kit will contain enough material to fill 36 cubic inches. This would be the equivalent of 12 linear feet for a crack 1/8" wide and 2" deep. For bridge deck crack filling, one cartridge will usually cover 75-100 linear feet.

Clean Up:
Spills of uncured material can be cleaned with xylene. Cured material is very chemically inert and must be scraped. Discard used static mixers, do not attempt to reuse.

Limitations:
Shelf life is approximately 18 months from date of manufacture when stored in unopened containers at room temperature.

Safety Precautions:
-This product contains chemicals that are sensitizers and fire hazards. Care should be taken to minimize exposure and contact. Keep out of reach of children.
-Protective equipment such as safety glasses, gloves and respirators in confined areas are recommended when handling this material.
-Avoid skin contact. If contact accidentally occurs, remove contaminated clothing immediately and wash skin with soap or a lanolized cleaner.
-Avoid eye contact. If contact accidentally occurs, flush eye with large amounts of water and get medical attention immediately.

6. AVAILABILITY
TK-9030 CRACK REPAIR is available through TK Distributors. Contact TK Products for nearest distributor.
Packaging:
-Packaged in 600 ml cartridges, 2-gallon and 10-gallon kits.
-Approximately 20 fluid ounces.
-Boxed in 12 cartridges per case.

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

09/09