



**PRODUCTS**

Division of Sierra Corporation

# TK-DOT STAIN

## CONCRETE CURING AND SEALING COMPOUND

Meets Federal EPA's VOC Requirements

### 1. PRODUCT NAME

TK-DOT STAIN

### 2. MANUFACTURER

TK PRODUCTS, DIVISION OF  
SIERRA CORPORATION  
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### 3. PRODUCT DESCRIPTION

TK-DOT STAIN is a high solids chlorinated rubber concrete curing, sealing and protection compound, designed to hide variations or shading in concrete due to placement and finishing procedures. The practice of incorporating extenders and additives (concrete admixes, fly ash) to the concrete mix, can produce an inconsistency in the porosity of the concrete causing some areas of the finished concrete to appear darker than others.

As a stain, TK-DOT STAIN covers these inconsistencies, imparts an attractive finish and allows good penetration and adhesion, unlike simple coating products. The material is formulated from the TRI-KOTE 26 base, therefore, the fine abrasion resistance, and chemical resistance qualities gained from the TRI-KOTE 26 are evident when using this product. (For information on TRI-KOTE 26, see Technical Data Sheet).

#### Basic Uses:

TK-DOT STAIN was designed for Department of Transportation projects. To offer the protection from deicing chemical of our Tri-Kote 26 along with the color uniformity of our TK-CCS when used on vertical surfaces. Concrete surfaces such as "J" barrier walls, abutment walls, beams, columns and any other area that required protection and aesthetically pleasing appearance.

### 4. TECHNICAL DATA

#### Composition:

- Chlorinated rubber with a fast drying aromatic solvent.
- Flash Point: 81°F.
  - Drying time: 30 minutes tack free, one hour open to traffic.
  - A.I.M. Definition: Concrete Curing and Sealing Compounds.
  - A.I.M. Definition: A liquid membrane-forming compound marketed and sold solely for application to concrete surfaces to reduce the loss of water during the hardening process and to seal old and new concrete providing resistance against alkalis, acids, and ultraviolet light, and provide adhesion promotion qualities. The coating must meet the requirements of American Society for Testing and Materials (ASTM) C 1315-95, Standard Specification for Liquid Membrane-Forming Compounds Having Special Properties for Curing and Sealing Concrete.
  - V.O.C. Content Limit: 700 g/l

### 5. APPLICATION PROCEDURES AND INSTRUCTIONS

#### Installation:

TK-DOT STAIN can be used for application on new or aged concrete; it is compatible with most chlorinated rubber or acrylic based curing and sealing compounds. The finished appearance of the coating is a glossy gray, and blends well with the natural color of the concrete. The coating does not yellow or discolor. This material can be used on industrial, commercial and residential applications.

#### Preparation:

Using a mechanical paint paddle type mixer, mix TK-DOT STAIN for 3 – 5 minutes so color is completely and uniformly suspended throughout product. Concrete surface must be free of oil or grease, form release agents, curing compounds, and soil. Repair all existing cracks, scaling or

spalled areas. Remove incompatible coatings or curing compounds with strippers or power equipment. Clean with Trisodium Phosphate or other suitable concrete cleaning agent; rinse thoroughly and allow to dry.

#### Application:

TK-DOT STAIN may be applied by airless spray, brush or long nap roller. Spray is most cost effective, followed by back rolling to evenly distribute the color uniformly. Avoid puddling and heavy accumulations.

#### Limitation:

Apply in temperatures above 40° F. Cold weather applications can be made under prescribed conditions and procedures specified by TK Products.

Not for use on colored concrete, asphalt, or surfaces subject to immersion or constant liquid contact.

#### Coverage:

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

Coverage rates will always be dependent upon the porosity of the concrete.

#### Clean Up:

Use TK-00 Solvent. For sprayers, pump the solvent through the spray equipment to remove residue of materials, which can clog the hose and wand assembly.

#### Precautions:

TK-DOT STAIN contains a flammable liquid (xylene) and is shipped under red label. KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAME. Close container after each use. Do not transfer to unmarked containers or weld or cut on or near container.

#### Maintenance:

Minimal maintenance is required other than normal sweeping, dusting

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Sealing-Dustproofing

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or mopping. If wear patterns do occur, or spillage removes the coating, TK-DOT STAIN can be reapplied to the affected area.

#### **6. AVAILABILITY**

TK-DOT STAIN is available through TK Distributors. Contact TK Products for the nearest distributor. Packaged in: 55 gallon drums, 5 gallon pails, and one gallon cans.

#### **7. LIMITED WARRANTY**

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#### **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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