



Division of Sierra Corporation
ISO 9001:2008 Certified

TK-SILOXANE DYE

PIGMENTED WATER REPELLENT

Technical Data

1. PRODUCT NAME

TK-SILOXANE DYE
TK-5765-06
TK-5765-02
TK-5765-07

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
Website: <http://www.tkproduct.com>

3. PRODUCT DESCRIPTION

TK-SILOXANE DYE is a specially formulated waterproofing treatment with pigment added to help produce a uniform color on concrete. It was designed to be applied over exterior broom finished concrete. When applied properly, TK-SILOXANE DYE blends discolored and differing color loads of concrete to one uniform color.

Basic Uses:

TK-SILOXANE DYE can be used to protect and seal any clean, dry, virgin (coating free) horizontal cementitious surface. Not for use over hard non-steel troweled surfaces. It protects the surface against damaging effects of water intrusion, acid rain, deicing chemicals, freeze/thaw exposure, airborne dirt, smog, industrial fumes, and most other atmospheric chemicals.

4. TECHNICAL DATA

Composition and Materials:

Pigment in a solution of organosiloxane in solvent.

- Flash Point: 76°F
- D.O.T. Shipping Name: (*MISSING*)
- Coating Solution: 3, UN 1139, II
- Specific Gravity: 0.95

Applicable standards:

- Passes NCHRP 244 for:
 - Water absorption
 - % Water vapor transmission
 - % Reduction in chloride intrusion
 - ASTM C-666 Relative dynamic modules of elasticity

-ASTM C-672 Scaling resistance 75 cycle is a + 0 rating (test results given upon request)

-A.I.M. Category: Waterproofing Sealer and Treatment

-Actual VOC Content: exceeds 600 g/l
-Exceedance fee has been paid.

-A.I.M. Definition: A coating formulated and recommended for application to a porous substrate for the primary purpose of preventing the penetration of water and produce a uniform color.

-Do not thin.

5. APPLICATION INSTRUCTIONS

The pigments will settle softly during storage.

TK-SILOXANE DYE needs to be mechanically mixed 2-5 minutes prior to use and should be mixed constantly during application process to help keep pigment suspended.

Application:

Apply liberally, satisfying the porosity of the concrete. Do not allow to puddle. TK-SILOXANE DYE needs to be sprayed and back rolled. After spraying, back rolling needs to continue until the product appears to be dry. This will help to distribute pigment through out entire area.

Limitations:

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

TK-SILOXANE DYE will not penetrate wet-surfaces or frozen substrate. Be sure the concrete surface is dry and frost free. Do not apply if rain is expected within 24 hours.

TK-SILOXANE DYE will dissolve one coat of any curing/sealing compound, impregnating the surface with dye and allowing a chemical reaction between the siloxane and the concrete. Therefore, previous cures and seals must be removed before applying TK-SILOXANE DYE. Consult your TK Rep before applications begins.

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

As with all colored coatings TK-SILOXANE DYE will be a **maintenance** item that will need recoating, dependent on the use.

Coverage:

Apply at 100 – 150 sq. ft. per gallon. If a second coat is desired, apply at same rate.

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

Clean Up:

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

Precautions:

TK-SILOXANE DYE contains aromatic hydrocarbon. Refer to HMIS code located on label for personal protection. Keep away from heat and flame. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. Use only with adequate ventilation. Do not breathe vapor or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application. Follow respirator manufacturer's direction for respirator use. Close container after each use. Avoid contact with eyes, skin and clothing. 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-SILOXANE DYE in its cured state is not toxic.

TK-SILOXANE DYE
Curing & Sealing Compound

TK PRODUCTS
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TK-SILOXANE DYE
Curing & Sealing Compound

Maintenance:

Minimal maintenance is required other than normal sweeping, dusting or mopping. If wear patterns do occur, TK-SILOXANE DYE can be reapplied to the affected area.

6. AVAILABILITY

TK-SILOXANE DYE is available in one and five gallon containers.

Colors Available:

- Light Coffee (beige) TK-5765-06
- Mortar Gray TK-5765-02
- Weathered Gray TK-5765-07

Custom colors available upon request. See your TK Distributor for additional cost and details.

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.

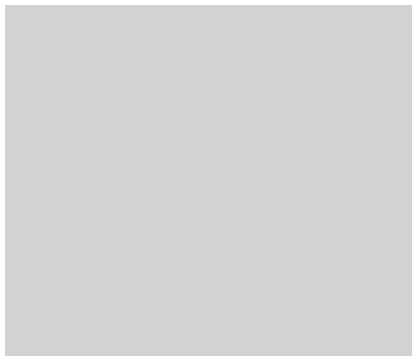
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LIGHT COFFEE TK-5765-06



MORTAR GRAY TK-5765-02



WEATHERED GRAY TK-5765-07



Colors shown are illustrated as accurately as possible. Due to the nature of paint and variation in printing, color may vary slightly.