

## TK-PERMACLEAN VOC NON-SACRIFICIAL ANTI-GRAFFITI COATING

Item No. TK-1495 high gloss, TK-1496 matte gloss

### PRODUCT DESCRIPTION

TK-PERMACLEAN VOC anti-graffiti coating is a single component, non-yellowing, permanent product which features unique blends of aliphatic urethane resins specifically formulated to protect vulnerable surfaces from graffiti vandalism. Spray paint, lipstick, marker, nail polish and multiple component paint products will not adhere to surfaces protected with TK-PERMACLEAN VOC.

#### Features:

- Able to withstand numerous cleansing with harsh solvents, power washing and graffiti removal agents, and requires no recoating following removal of defacement substances.
- Harsh solvents, power washing and graffiti removal agents will not harm the coating or affect its performance.
- Single-component.
- The coating is clear, non-yellowing, and UV and weather resistant.
- May be tinted to an array of colors using TK-1166 Urethane Colorants.

### USES:

TK-PERMACLEAN VOC protects a wide variety of surfaces including; masonry, brick, block, stucco, all types of wood, steel and previously painted surfaces. Areas that are prone to repeated tagging such as barrier walls, bridges, signs, parking ramps and transit facilities would greatly benefit from the protection offered by TK-PERMACLEAN VOC.

### APPLICATION PROCEDURES

#### PREPARATION:

All surfaces to be coated should be free of any foreign matter. Loose paint, oil, grease, dirt, etc. must be removed before application. Allow ample time for excess moisture from cleaning and acid etching to dry as excess moisture in the concrete may lead to undesirable foaming or gassing in the film. All spray equipment should be flushed prior to use with xylene to eliminate any moisture or foreign matter left behind by application equipment. A new material hose is recommended.

A test panel mock-up should be applied prior to project start-up to determine coverage rates, appearance and proper results.

#### PRIMER:

It is recommended that TK-ANTI-GRAFFITI PRIMER 1450\* be used prior to application of TK-PERMACLEAN VOC. On unsealed, porous substrates, TK-ANTI-GRAFFITI PRIMER 1450 **MUST** be used to prevent excessive absorption of TK-PERMACLEAN VOC into the substrate and to allow a protective film to form on the surface. When used over previously coated surfaces, the primer may also be required to eliminate lifting or discoloring of the existing coating.

### TECHNICAL DATA

TK-PERMACLEAN VOC	TK-1495 Gloss	TK-1496 Matte
Solids by weight (%):	38.2%	41.0%
Solvent Type:	Exempt Solvent/ Aromatic Blend	
Flash Point:	40°F	40°F
Shelf Life:	One Year in Closed Containers	
Desired Film Thickness (dry):	1 to 2 DFT	
V.O.C. Content:	< 350 g/L	
A.I.M. Category:	Specialty Primers, Sealers and Undercoaters Maximum VOC 350 g/l	

Due to the wide variety of surfaces requiring protection, a test application must be performed prior to application of TK-PERMACLEAN VOC. TK-PERMACLEAN VOC may alter the original appearance and/or color of the surface, so approval should be obtained before continuing.

### APPLICATION:

TK-PERMACLEAN VOC may be applied by brush, roller or spray. Generally no thinning is required. When using airless spray equipment, tip sizes of .011" to .013" are recommended. Upon opening of the container, it is recommended that the entire contents be used. Complete the entire job or plane without stopping and starting again. One thin coat not to exceed 4 wet mils will provide the proper protection required. Too heavy a coating may result in down glossing, sagging or runs. If a porous surface is encountered, a cross-hatch spray application may be required.

The higher the relative humidity at the time of application, the faster TK-PERMACLEAN VOC will cure. Low humidity and dry conditions at the time of application will prolong cure times.

### Removing Graffiti from Treated Surfaces:

Whenever treated surfaces become vandalized with graffiti, TK-KWIK KLEAN\* should be used to clean as it will soften and remove the graffiti without damaging the protective PERMACLEAN membrane. Important Safety Note: The appropriate personal protective equipment is necessary to avoid injury during this process. Safety glasses/goggles and impervious gloves, at a minimum, are required. An appropriate NIOSH approved charcoal respirator is recommended for application in confined areas.

Graffiti Removal: Wet the surface with TK-KWIK KLEAN by wiping or spraying it onto the surface. Frequently repeat this process for 15-20 minutes to maintain a continually wet surface. Once the graffiti has softened sufficiently, wipe the surface with a clean rag that has been saturated in TK-KWIK KLEAN. Scrubbing will be required for heavily graffitied areas or on porous surfaces. Stubborn areas may

require a second application of TK-KWIK KLEAN. A light power washing may be used to remove any remaining residue.

\*It is best to perform this procedure out of direct sunlight and during cooler periods of the day in order to retard the solvent evaporation rate.

#### **CLEAN-UP:**

Clean all equipment or spills immediately with TK-00 XYLENE\*. Do not use water.

#### **COVERAGE:**

Product	Coverage
TK-I495 VOC Gloss	300-400 sq.ft./gal
TK-I496 VOC Matte	350-450 sq.ft./gal

Coverage rates are provided as a guideline only. Many factors including surface texture, porosity and weather conditions will determine actual coverage rates.

#### **LIMITATIONS:**

- Ambient air temperatures should not fall below 35°F or exceed 95°F for a period of 12 hours before or after application.
- Porous surfaces may require a scrubbing action to clean the graffiti out of the pores.
- TK-PERMACLEAN VOC is most effective if allowed to cure for 14 days.

#### **FIRST AID:**

- Consult this product's safety data sheet for additional health and safety information. Safety Data Sheets are available through TK distributors, the TK office and the TK website.

#### **AVAILABILITY:**

TK-PERMACLEAN VOC Anti-Graffiti Coating is available through TK Distributors. Contact TK Products for the nearest distributor.

Packaged in 5-gallon pails and 1-gallon cans.

FOR PROFESSIONAL USE ONLY

#### **NOTES:**

- \*TK-ANTI-GRAFFITI PRIMER 1450 must be purchased separately
- \*TK-00 XYLENE must be purchased separately
- \*TK-KWIK KLEAN must be purchased separately

03/18 Last Rev. 06/24

#### **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.

#### **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.



#### **TK Products Construction Coatings**

11400 West 47th Street Minnetonka, MN 55343  
800-441-2129 toll free | 952-938-8084 fax | [www.tkproducts.com](http://www.tkproducts.com)