

## Technical Data

### 1. PRODUCT NAME

BRIGHT SEAL WB  
SEALING COMPOUND

### 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](mailto:tksales@tkproduct.com)  
Website: <http://www.tkproduct.com>

### 3. PRODUCT DESCRIPTION

BRIGHT SEAL WB is an acrylic waterborne high solids sealer for use on new or existing concrete. BRIGHT SEAL WB brings out the wet look in the substrate and enhances the colors by providing a glossy film. It needs to be applied to a clean dry substrate. It is designed to be used where the solvent based BRIGHT SEAL is not tolerated. (i.e.: interior concrete floors, pavers, burnished block, exposed aggregate, etc.) The solvent content is low enough to pass all V.O.C. compliance laws.

BRIGHT SEAL WB is formulated to seal, protect and dustproof concrete block as well as to seal many types of porous tile and resilient floors.

BRIGHT SEAL WB is designed for both interior and limited exterior application. It is particularly recommended for indoor work in public buildings and housing (hospitals, restaurants and private residences where solvent systems are difficult to use). The translucent solution dries clear and provides a dust free surface.

BRIGHT SEAL WB provides an abrasion resistant and protective film for decorative concrete surfaces. It is compatible with most tile and carpet adhesives, however; it is always recommended to conduct a small test application to insure proper adhesion and compatibility.

#### Uses:

Institutional, industrial, commercial and residential construction of floors, walls, columns. i.e.: schools, apartment complexes, hospitals, office buildings.

BRIGHT SEAL WB is BRIGHT SEAL WB formulated with concrete colored pigments. It is to be used where there are blemishes to be covered up, or a uniform color on the substrate is desired.

### 4. TECHNICAL DATA

#### Composition and Material:

BRIGHT SEAL WB is formulated of fine quality, pliable acrylic polymers in an aqueous system. It is carefully blended and quality controlled. It contains no oils, saponifiable resins, or waxes.

#### Physical and Chemical Properties:

- Dry Time @ 70°F: 1-2 hours (touch)  
4-12 hours (traffic)

These dry times are dependent on normal drying conditions. Cool temperatures, high humidity will slow the drying time.

- A.I.M. Category: Sealers (Including Interior Clear Wood Sealers), maximum VOC 400 g/l. (100 g/l, CA)

- A.I.M. Definition: A coating formulated and recommended for application to substrate for one or more of the following purposes: to prevent subsequent coatings from being absorbed by the substrate; to prevent harm to subsequent coatings by materials in the substrate; to block stains, odors, or efflorescence; to seal fire, smoke or water damage; or to condition chalky surfaces.

#### Applicable Standards:

Recommended for use on Class 1,2,3 and 4 concrete floors as noted in ACI Standard 302-77.

BRIGHT SEAL WB is designed to meet or exceed the following requirements:

- ASTM C-309, Type 1, Class A&B, and Type 1D when a red dye is added.
- AASHTO M-148 Type 1.
- Meets state and federal solvent emission standards (V.O.C.).

- Compatible with most paints and carpet and resilient tile adhesives. It is always recommended to conduct a small test application to insure proper adhesion and compatibility.

### 5. APPLICATION PROCEDURES AND INSTRUCTIONS:

Before using this product, read the Material Safety Data Sheet for complete safety information. Material Safety Data Sheets are available from TK Distributors, the TK office or the TK website.

Bright Seal WB is ready for use. Do not dilute. **On exterior applications, Bright Seal WB should be only applied to vertical surfaces and horizontal surfaces that do not pond water.**

**Vertical Application:** On burnished block, exposed aggregate, precast panels, etc. Field apply after blocks or concrete panels have been cleaned, washed and dried. Application by airless spray is best; however, a medium nap roller may also be used for application or back rolling. If applying with an airless sprayer, do so in a uniform manner to satisfy the porosity of the material being sealed. Make certain to leave a light film on the surface with no rundown. If applying with a medium nap roller, maintain a wet edge for a uniform final appearance.

**Interior Concrete Floors:** On acid stained and stamped concrete surfaces. BRIGHT SEAL WB can be used in areas where solvent based BRIGHT KURE & SEAL cannot be tolerated. BRIGHT SEAL WB should be applied by a short nap roller only. A long nap roller may be used on indented, stamped concrete, but make certain to avoid accumulating a heavy film. Apply in a manner that will satisfy the porosity of the material as well as leave a light film on the surface. **DO NOT OVER APPLY;** over application can leave a film that is susceptible to imprinting. BRIGHT SEAL WB will highlight the color of the surface. Apply multiple coats of a durable floor wax over BRIGHT SEAL WB to act as a wear coating.

**New Concrete:** Apply after the concrete has cured. In order to bring out the wet look, all curing compounds and sealers need to be removed before application of BRIGHT SEAL WB.

**Existing Concrete:** Sweep or vacuum all loose soil and dust. Remove oil, grease, stains and any old wax, polish or sealers. Trisodium phosphate or TK-101 CHEMICAL CLEANER (with very hot water) can be used. To remove old sealers, a solvent will need to be used; rinse thoroughly and allow to dry. BRIGHT SEAL WB should be applied by short nap roller only. A long nap roller may be used on indented, stamped concrete, but make certain to avoid accumulating a heavy film.

| <b>Coverage:</b>            | <b>SG.FT./ GAL*</b> |
|-----------------------------|---------------------|
| Exposed aggregate:          | 300-500             |
| Broomed finishes:           | 300-500             |
| Troweled finishes:          | 300-500             |
| Second Coat (If necessary): | 300-500             |

\*Coverage rates are provided as a guideline only. Surface texture, porosity, weather conditions, etc. will determine coverage rates.

A test panel mockup should be applied prior to project start up to determine coverage rates, appearance and proper results. Bright Seal WB should be applied to satisfy the porosity of the substrate, and leave a thin film on the surface.

#### **Limitations:**

Avoid a buildup which can cause slippery conditions or a lifting action between coats. Protect from freezing. Apply in temperatures above 50° F. **BRIGHT SEAL WB must not be used on any surface that ponds water; a blush may occur in this situation.**

Not for use on asphalt or where spillage of solvents, fuels, brake or transmission fluids, etc. are expected.

#### **Cleanup of Tools and Equipment:**

Use soap and water before material dries. If dried, use MEK/xylene (methyl ethyl ketone).

#### **Precautions:**

Vapor harmful. May affect the brain or central nervous system causing dizziness, headache or nausea. Causes eye irritation. Causes skin irritation. Causes nose and throat irritation. May cause allergic skin reaction. Harmful if swallowed.

Use only with adequate ventilation. To avoid breathing vapors and spray mist, open windows and door or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air or wear respiratory protection. (NIOSH/MSHA approved). Any person using a respirator must be properly trained in respirator use. Close container after each use. Avoid contact with eyes and skin. Dispose of empty containers in accordance to all applicable regulations.

#### **First Aid:**

If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention immediately; for skin, wash thoroughly with soap and water. If swallowed, do not induce vomiting. Give conscious victim 1 to 2 glasses of water and get medical attention immediately.

Wet material will not burn. Dried films of this material can burn and can be extinguished by foam, CO2, or water spray.

#### **6. AVAILABILITY**

BRIGHT SEAL WB is available through TK Distributors. Contact TK PRODUCTS for the nearest distributor. Packaged in: 55 gallon drums, 5 gallon pails, and one gallon cans.

#### **Maintenance:**

Stains should be removed as soon as possible. BRIGHT SEAL WB can be applied to wear areas and where spills have removed the sealer.

#### **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**

02/08