

# Technical Data Sheet

## STAINGUARD-WB

### Product Data and Test Information

#### PRODUCT NAME

STAINGUARD-WB

High performance water, oil & graffiti resistant treatment for:

concrete, porous tile, cast stone, paving, sandstone, limestone, brick, grout and some natural stones

#### MANUFACTURER

Chemical Products Industries, Inc.

7649 SW 34<sup>th</sup> St., Oklahoma City, Ok 73179

(800)624-4356 (405) 745-2070

#### PRODUCT DESCRIPTION

STAINGUARD-WB is a clear, penetrating, breathable, VOC compliant, water, oil and graffiti resistant treatment for concrete, porous tile, paving, grout, some natural stone and other building materials. STAINGUARD-WB penetrates the surface and bonds chemically to the substrate, resulting in long term protection by reducing the ingress of water-borne and oil-based contaminants into the surface. STAINGUARD-WB is an excellent treatment around areas where food products such as mustard, ketchup, grease, milk, wine, beer and soft drinks are present. It is also suitable for use as an anti-graffiti treatment. STAINGUARD-WB keeps treated indoor and outdoor surfaces clean and easier to maintain.

#### APPLICATIONS

STAINGUARD-WB is suitable for a wide variety of applications, including building facades, floors, walls, swimming pool surrounds, patios, garages, kitchens and entertaining areas.

#### ADVANTAGES

STAINGUARD-WB is designed to work without changing the natural appearance of the surface and is able to repel stains, oil and food products as well as graffiti. STAINGUARD-WB is suitable for indoor and outdoor use and is able to seal hairline cracks up to 0.3 mm – does not flake or peel.

Chemical Products' state-of-the-art protective treatments have developed a reputation by architects and building professionals as the premier solution for construction chemicals. Chemical Products' is dedicated to solving the destructive influence water intrusion and other elements have on building materials.

Benefits of this product are:

- Repels stains, oil, food products, graffiti
- Excellent resistance to water intrusion
- Exhibits good beading effects
- No change in surface appearance
- Breathable system
- Deep penetration into the substrate
- High resistance to alkali attack
- High resistance to wind-driven rain

#### LIMITATIONS

Not intended for below-grade waterproofing. Should not be applied if the surface temperature is below 20° F or above 100° F, if rain is expected within six hours following application, or if high winds or other conditions prevent proper application. If rain has preceded the application, the surface should be allowed to dry at least 24 hours. Caution should be taken with windows, motor vehicles, vegetation and adjacent surfaces. Check compatibility before application.

## TECHNICAL DATA

|                  |                        |
|------------------|------------------------|
| Color            | milky-white            |
| Active substance | fluorosilane/siloxane  |
| Active content   | 10%                    |
| Carrier          | water                  |
| Density          | 0.95 g/cm <sup>3</sup> |
| VOC              | <50 g/l                |

## INSTALLATION

All surfaces must be cleaned to remove all traces of dirt, dust, efflorescence, mold, salt, grease, oil, asphalt, laitance, curing compounds, paint, coatings and other contaminants. Acceptable surface cleaning methods include shotblasting, sandblasting, waterblasting and chemical cleaners. Check with your Chemical Products Industries, Inc. representative to verify suitable cleaning methods, products and that the surface preparation is adequate.

Before applying, it is recommended that preliminary tests be carried out to determine usage and to test the effectiveness of the treatment. Depending on the porosity of each designated surface, coverage rates can vary. Typical coverage is approximately 80-300 square feet per gallon.

STAINGUARD-WB should be applied by low-pressure (15 to 25 psi) pumping equipment with a wet fan type spray nozzle. Alternate methods include nap roller (1") or by brush.

Horizontal surfaces should be treated until material puddles or stands on the surface. After

ten minutes sweep, squeegee, or mop any remaining material to dry areas.

Vertical surfaces should be treated using a wet-on-wet technique by applying from the bottom up with six to eight inch run down from the bottom of the spray pattern.

During application, precautions should be taken to protect the surrounding area from overspray and run off. STAINGUARD-WB will not etch glass but will leave a residue on non-porous surfaces.

**Precautions:** STAINGUARD-WB should be kept closed when not in use and should be stored at temperatures between 35° F and 120° F. Care should be taken to prevent moisture condensation in the container. Please refer to the Material Safety Data Sheet for more detailed information.

## AVAILABILITY

STAINGUARD-WB is available in 5 and 55 gallon containers to approved applicators and distributors throughout the United States. Contact Chemical Products Industries, Inc. at 800-624-4356 or 405-745-2070 for a sales representative in your area.

## TECHNICAL SERVICE

Technical service engineers and chemists are available to answer questions on product performance, application methods and chemical composition.