

## **-SEALTIGHT**

### MASONRY & CONCRETE SEALER®

#### 1. PRODUCT: MASONRY & CONCRETE SEALER®

#### 2. PRODUCT DESCRIPTION: **Sealtight**

MASONRY & CONCRETE SEALER® is a non-toxic, non-caustic, non-flammable inorganic polyester polymer And polyurethane formulation with no equal. It permanently waterproofs and preserves with one easy application. (Normally with one coat at approx. 5 m2. per liter, depending on porosity, application technique,) Masonry & Concrete Sealer® is Building Green.com Approved.

#### **Giving MASONRY- A LIFETIME BOND**

All foreign matter is cancerous to concrete and masonry. Foreign matter is any acid, alkali or oil found in the masonry or spilled on it (Such as lactic acid in milk, oil, alkali, chemicals, etc.) These cancerous substances imbed themselves in the masonry. Sealer applied to the masonry, concrete, plaster and stucco will penetrate and bind all component parts of the masonry into a more dense or solid mass. As the masonry increases in density it becomes waterproofed & resistant to contaminates. Sealer stops dusting, rutting & spalling. This process will stop cracking, crumbling, seepage and pitting while increasing the density of the masonry. Sealer also increases the tensile strength of the concrete as it fills all the pores preventing any penetration of water or contaminants from the surface either horizontally or vertically. Because Sealer™ seals the concrete so well, non-moisture resistant paints such as latex may release from the surface because they can be immersed in water for too long of a period. Use only a good quality acrylic or oil based paint over a Sealer treated surface. Sealer will not change the pH of concrete. Sealer will, however, give surface coatings something to bond to because the Sealer is embedded in the concrete. (This does not apply to latex paint) After treating the masonry with MASONRY & CONCRETE SEALER®, no foreign substance can penetrate into the masonry and will stay on the surface where it can be washed easily. All masonry treated with SEALER® will stop disintegrating. **You will no longer be able to remove a portion of the concrete, brick, stucco etc. surface by running your finger across the surface based on the fact that component parts of the masonry are solidified into one mass, rather than billions of independent particles.**

#### 3. PRODUCT USES:

For industrial, commercial and residential use on concrete, brick, stucco and all masonry. For homes, warehouses, commercial buildings, factories, roads, tunnels, bridge decks, parking lot structures, driveways, concrete roofs, subways, and basements. Use inside or outside on new or old masonry. Will seal against positive or negative water entry.

Authorized by USDA for use in meat freezers, packing plants and poultry houses. Or animal containment structures. Reduces incidence of bacterial growth.

#### 4. JOB LIMITATIONS:

All surface cleaning materials must be pressure washed off to remove completely.

**All cracks and damage MUST be repaired prior to application.**

Apply in good weather when air and surface temperature are above 7.5 degrees C.

Temperature must remain above 7.5 degrees C. for 24 hours after application.

For optimum application properties, materials should be between 21-38 degrees C prior to application.

Maintain unmixed material in closed containers in protected storage at 7.5-38 degrees C. If concrete has a high sheen to it, it should first be cleaned with a stain Remover to remove the shine. **DO NOT STORE IN STRONG SUNLIGHT.** Latex paints form a very weak bond. It is NOT recommended that latex paint be applied over MASONRY & CONCRETE SEALER® especially on a horizontal surface. Use only a good quality moisture resistant acrylic or oil-based paint over a Sealer treated area. On cinder block walls, especially below grade, the holes and pores within the block may be too large to successfully waterproof with SEALER. Therefore, in this instance it is not recommended to use Sealer.

#### 5. SURFACE APPLICATION:

Good surface preparation is essential to a satisfactory coating. **All cracks and damage MUST be repaired prior to application.** Surfaces to be coated should be clean and dry. Remove all dirt, dust, oil, grease, mildew, rust and loose or cracked paint or other contamination by first cleaning the surface with either Concrete Cleaner®. If the surface of the concrete has a shine, the surface should be cleaned with an Etch to remove the shine and give Some 'tooth' to the surface. Rinse thoroughly and allow to dry completely.

## 6. APPLICATION INSTRUCTIONS:

1. Pressure wash surface to make sure that it is clean and all cleaning materials are thoroughly removed .
2. Apply SEALER over brick, block, concrete or any type of masonry surface using a low pressure sprayer (**Back Pack** type) or any spray at no more than 20 psi. Use approx. 1 LITR on per 5 sq. mtr. area. Allow to dry.
3. Prior to painting walls or slabs, wait 24-36 hours. Use only good quality moisture- resistant acrylic or oil-based paint over a Sealer treated area. (Latex paint makes a weak bond) Wash all tools and equipment with soap and water as soon as possible. Any spills or product NOT absorbed must be cleaned off using damp mop or sponge before it dries.

## 7. TECHNICAL DATA:

Polymerized Polyester Polymer and polyurethane Solution

APPEARANCE/ORDER: Translucent/slight odor

SPECIFIC GRAVITY: (WATER=1) - 1.10

PERCENT SOLIDS BY WEIGHT: 13%

V.O.C.: 0.12 Lb/g (13.63 g/L) As per EPA Method 24

Weight per 209 lit Drum: 225 Kg

### User Responsibility/Disclaimer or Liability

ALL future cracking MUST be suitable repaired and sealed.

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This bulletin cannot cover all possible situations that the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. It is your responsibility to develop appropriate work practice guidelines and employee instructional programs for your operation.

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