

## **Product Information**

**Description** - PaverGeneral® Masonry Sealer 4454 is a silane/siloxane emulsion that acts as a water repellent treatment for mineral substrates such as stone, brick, concrete and mortar. PaverGeneral® Masonry Sealer 4454 penetrates and provides water repellency by chemically reacting with the substrate. The active ingredients in this product are small molecules that penetrate deep into the substrate surface. After the emulsion breaks, these active ingredients react with moisture to produce hydroxyl groups. These hydroxyl groups bind with the substrate and each other to produce a hydrophobic treatment that inhibits water absorption into the substrate. This treatment does not change the appearance of the substrate and reduces spalling due to freeze-thaw and efflorescence, thereby increasing the life of the substrate. PaverGeneral® Masonry Sealer 4454 also contains special additives which provide superior oil repellency.

**Sub Title** - Water and Oil Repellent Emulsion

**Typical Properties** - • Appearance and odor = Milky, white emulsion • pH = 7 - 8 • VOC (EPA 24) = 0.3 lbs/gal  
• Density = 8.3 lbs/gal • Flashpoint = >212°F

**Benefits** - • Water based • Low VOC • Will not change the appearance of the substrate • Excellent water and oil repellency

**Recommended Application** - The surface should be free of standing water and surface dirt. All nearby vegetation and any material that is not to be treated should be protected. For previously sealed surfaces, apply one heavy coat. For unsealed surfaces, apply two coats. The first coat should be a light coating that will dry in a short time, followed by a second heavy coat. Methods of application include airless sprayer, roller and brush. When a brush or roller is used, repeat application until the surface remains moist for a few minutes. If an airless sprayer is used, apply the material until the substrate is thoroughly saturated. Please refer to the MSDS for proper safety instructions.

**Material Compatibility** - PaverGeneral® Masonry Sealer 4454 evolves hydrogen gas upon cure. Avoid contact with acids, bases, amines and heavy metals.

**Shipping** - PaverGeneral® Masonry Sealer 4454 is shipped in 5-gallon vented pails.