

**DESCRIPTION: 2012 X-TREME™ CONCRETE SEALER**

Taylor 2012 Meta-Seal™ X-Treme™ Concrete Sealer, a one-coat application, is a unique hybrid one-part, reactive, cross-linking, multi-functional moisture sealer for concrete slabs that is appropriate for all flooring installations. It forms a penetrating barrier coating that chemically anchors into the concrete and creates a permanent hydrophobic (water repelling) barrier within the concrete. This barrier reduces the moisture vapor transmission (MVT) rate from as high as 12 lbs. per 1,000 sq. feet per 24 hours to the recommended maximum acceptable rate of 3 lbs. per 1,000 square feet per 24 hours – typically within 20 to 24 hours.

The multi-functionality of the product results from the cross-linked permanent barrier-primer coating's ability to prime porous concrete and eliminate dust, and to neutralize surface alkalinity by forming a non-aqueous barrier coating that provides an acceptable pH level and blocks migration of alkaline salts through the slab. Taylor's Meta-Sept™ antimicrobial, a proprietary agent, is incorporated into the sealer and protects against the multiplication of bacteria and fungi (mildew) in the wet and dry state. Meta-Seal™ 2012 X-Treme™ Concrete Sealer is designed for moisture reduction in concrete floors that are on or above grade. It is not recommended or warranted for below grade concrete floors where hydrostatic pressure may exist. Consult the flooring manufacturer for recommendation or remedy for such installations. When used in conjunction with the appropriate Taylor Meta-Tec® flooring adhesive, the Lockdown™ System warranty applies, which provides permanent protection from moisture related adhesive bond failures.

**SUBSTRATE PREPARATION**

The concrete substrate must be free of all foreign substances, including old adhesives, floor sealers, curing compounds, wall plaster, cleaning compounds, wax, oil, dirt, dust, or any substance that would interfere with or block the absorption of the sealer into the concrete substrate. Prior to the application of 2012, a moisture vapor transmission (MVT) test must be performed to determine the MVT of the concrete, using an anhydrous calcium chloride test according to ASTM F-1869-98 test method. This initial MVT level must be below 12 lbs. per 1000 sq. feet per 24 hours. The concrete substrate must be porous so the sealer can penetrate the concrete to create the moisture barrier within the concrete. Sanding or bead blasting will improve the porosity of the concrete. All cracks in the concrete must be completely filled in and sealed with waterproofing concrete crack sealer and all patching and leveling must be done **prior** to the application of the sealer using a polymer fortified cementitious patching and leveling compound. Taylor 2012 X-Treme Concrete Sealer will not prevent water from coming up through the cracks in the concrete substrate. Follow manufacturer's directions for waterproofing crack sealers and cementitious patching and leveling compounds. Do not use at temperatures below 60°F.

**APPLICATION (One Coat Only)**

After the concrete has been properly prepared begin the application of the sealer. To ensure proper coverage over the entire floor, divide the floor into 375 square foot sections and apply one gallon of 2012 per section. Pour the sealer into a paint tray and spread with a 3/8" (10mm) short nap paint roller. Distribute the sealer evenly on the concrete putting slight pressure on the roller. Rolling and cross rolling several times may be necessary to achieve a thin uniform film over the concrete. The sealer dries to a hard shiny coating within 24 hours. **Do not over apply sealer. Applying too much sealer will interfere with its curing, creating soft spots that will require longer cure times.** The soft spots should be removed and a thin coat of 2012 should be re-applied and cured for 24 hours. **Do not allow sealer to puddle.** Immediately roll and cross roll any puddles to spread excess sealer. Concrete floors can vary in porosity. Areas that absorb the sealer very quickly are more porous, resulting in a dull, non-shiny appearance. The sealer must be re-rolled over these areas to ensure adequate coverage. **Do not allow traffic during the drying of the sealer (10 - 12 hours).**

**PHYSICAL PROPERTIES**

VOC's: Negligible  
Color: Light purple during application. Dark shiny coat when dry.  
Consistency: Liquid  
Shelf life: One year in unopened container at 70°F  
Coverage: 350 to 400 sq. ft. per gallon. (9 to 10 m<sup>2</sup> per kg)  
Other Features: Freeze/thaw stable.  
Clean Up: Use mineral spirits.

**CAUTION**

DO NOT take internally. If swallowed, DO NOT induce vomiting. Call a physician immediately. KEEP OUT OF REACH OF CHILDREN.

**WARRANTY INFORMATION**

This product is manufactured according to exacting quality control standards and is warranted to be free from manufacturing defects. Defective material called to our attention within one year of manufacture will be replaced. No guarantee, expressed or implied, is made regarding the performance of this product since the manner and condition of application are beyond our control. When used in conjunction with an appropriate Taylor Meta-Tec® flooring adhesive, the Lockdown™ System Lifetime Performance Warranty applies. For complete warranty information, call Taylor Technical Services at 800.868.4583 ext. 221; visit us on the web at [www.wftaylor.com](http://www.wftaylor.com) or e-mail us at [info@wftaylor.com](mailto:info@wftaylor.com).

# TAYLOR 2012

## MATERIAL SAFETY DATA SHEET

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### SECTION I IDENTIFICATION

**Manufacturer's Name:** W.F. Taylor Co., Inc.  
**Address/Phone:** 11545 Pacific Ave.  
Fontana, CA 92337  
909.360.6677  
**Emergency Phone No.:** 800.535.5053  
**Manufacturer's Code Identification:** 2012  
**Trade Name:** 2012 X-Treme™ Concrete Sealer  
**Date Revised:** 05/01/04

### SECTION II HAZARDOUS INGREDIENTS

**None per OSHA Regulation:** 29 CFR 1910.1200  
**SARA Title III Section 313 Chemicals:** None  
**NFPA**      **HMIS**  
                  H = 1  
                  F = 0  
                  R = 0

### SECTION III PHYSICAL DATA

**Boiling Point:** >300° F  
**Evaporation Rate/Vapor Density:** Same as water  
**Vapor Pressure:** Same as water  
**LBS/GAL:** 8.2  
**Odor:** Mild  
**Color:** Purple  
**Grams V.O.C. per liter of material:** 0 (calculated)  
**Grams V.O.C. per liter of coating:** 0 (calculated)

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

**DOT Category:** Not regulated  
**Flash Point:** >250° F  
**LEL:** N/A  
**Extinguishing Media:** CO<sub>2</sub> foam, dry chemical, carbon dioxide or fire fighting apparatus.  
**Unusual Fire and Explosion Hazards:** Rags and waste paper containing this material may burn spontaneously. Store wiping rags in metal cans with tight lids  
**Special Fire Fighting Procedures:** Use self contained-breathing apparatus and turn out gear.

### SECTION V HEALTH HAZARD DATA

#### **Symptoms of Over Exposure**

**Eyes:** Irritation  
**Skin:** Minor irritation  
**Inhalation:** Vapors may cause irritation of the respiratory tract  
**Ingestion:** Ingestion of large amounts may cause gastrointestinal irritation

#### **First Aid Procedures:**

**Eyes:** Flush with water  
**Skin:** Wash with soap and water  
**Inhalation:** Remove to fresh air if needed

### SECTION VI REACTIVITY DATA

**Stability:** Spontaneous combustion can occur.  
**Conditions to avoid:** Excessive heat, sparks or open flames.  
**Incompatibility:** Strong oxidizing agents.  
**Hazardous decomposition products:** Carbon dioxide and/or carbon monoxide.  
**Hazardous polymerization:** Will not occur.

### SECTION VII SPILL OR LEAK PROCEDURES

**Steps to Be Taken if Material is Spilled:** Use absorbent materials to collect residue and place into closed container for disposal. Contain with dike to prevent entry to sewers and waterways.

**Waste Disposal:** Abide by all state, federal and local regulations.

### SECTION VIII SPECIAL PROTECTION INFORMATION

**Respiratory protection:** Not normally required. Use SCBA where vapor concentrations may be above TLV limits.  
**Ventilation:** Local exhaust preferred.  
**Protective gloves:** Neoprene rubber gloves  
**Eyes:** Goggles  
**Other protective equipment:** Eye bath and safety shower. Wear impervious clothing and boots.

### SECTION IX SPECIAL PRECAUTIONS

**Precaution for Handling and Storing:** Do not puncture, protect from freezing and excessive heat

**KEEP OUT OF REACH OF CHILDREN**



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