

## EXTERIOR GUARD TOPCOAT

Topcoat to be used on Exterior Guard Basecoat  
 VOC Compliant Fire Retardant Paint (Overcoat)

Fire Hazard Classification, CAN/ULC S-102 Class "A", ASTM E-84 Class "A" (\*)

(\*) When applied to non-combustible exterior surfaces or to Exterior Guard Basecoat on combustible surfaces

### DESCRIPTION:

Flame Control Exterior Guard Topcoat for Fire-Retardant Paints is a water-based acrylic paint designed for use as a topcoat to be applied over Flame Control Exterior Guard Intumescent Basecoat. This product dries quickly to yield a highly cleansable, water-resistant film that possesses excellent adhesion, flexibility, and toughness. This product can be used on exterior substrates where a highly resistant, decorative coating is desired. NOTE: This product should not be used on surfaces where pooling or ponding of water can occur.

May also be used alone to directly paint non-combustible exterior surfaces while maintaining a low flame spread rating.

### RECOMMENDED USES:

For use as an overcoat for Flame Control Exterior Guard Basecoat, where a semi-gloss, highly cleansable, and highly weather resistant coating is desired.

May also be used on exterior masonry or other exterior non-combustible surfaces where a flame resistant coating is required.

### USED BY:

Schools, Colleges, Nursing Homes, Child Care Centers, Hospitals, Penal Institutions, Apartments, Hotels, Factories, Warehouses, Retail Stores, Restaurants, Utilities, Railroad and other Transportation Companies, Oil and Chemical Installations, Military Installations, and other facilities where fire resistant coatings are required.

### PERFORMANCE INFORMATION:

- Class "A" fire rated as a topcoat for Exterior Guard Basecoat. (see fire hazard classification section)
- Complies with federal, provincial, local building and fire code requirements.
- Dries by water evaporation to a tough, flexible, semi-gloss finish.

- Does not leach (lose fire resistant properties) on exposure to high humidity.

### CHARACTERISTICS:

**Finish** . . . . . Semi-gloss

**Color** . . . . . White, Black

**Tinting** . . . . . Can be tinted with up to 4 fl. oz. of Universal Tint.

Check colorant for compatibility.

#### Spreading

**Rate** . . . . . 300 sq. ft./gal. (7.4 m<sup>2</sup>/L)

5.2 mils wet, 2.1 mils dry

**Volume Solids** . . . . . 35% ± 2

**Weight Solids** . . . . . 49% ± 2

#### V.O.C. Less

**Than** . . . . . 1.67 lbs./gal. (193 g/L)

#### Drying Time @

**77°F & 50% RH:** . . To touch 30 min.

To handle 1hours

To recoat 1 to 2 hours

**Type of Cure** . . . . . Coalescence

**Flash Point** . . . . . None  
 (Pensky-Martens Closed Cup)

**Reducer/Cleaner** . . . . . Water

**Shelf Life** . . . . . 12 months (unopened)

**Packaging** . . . . . 1 & 5 gal. containers  
 weight/gal. 10.5 ± 0.2 lbs

**Shipping weight** . . . . . 4 gals - 48 lbs.  
 5 gals - 56 lbs.

**Application** . . . . . Brush, roller,  
 conventional and airless spray

### PRECAUTIONS:

Adequate ventilation must be provided during and after application until the coating has dried. Avoid breathing vapors or spray mist. Close container after use. DO NOT TAKE INTERNALLY.

**Read MSDS before opening containers.**

**KEEP OUT OF REACH OF CHILDREN**

### SURFACE PREPARTION:

Surface preparation should be carried out according to good painting practices. Remove all loose, peeling or powdery paint from the surface. All

dirt, grease, oil, wax and other foreign matter MUST be removed with a detergent. Rinse surfaces thoroughly with clear water and allow to dry. Repair all cracks, holes and other surface irregularities. Allow to dry, sand lightly, prime if necessary, and coat with Exterior Guard System.

### NEW SURFACES:

New combustible surfaces: Surface should be primed with a good quality exterior primer, and then Exterior Guard Basecoat must be applied prior to applying Exterior Guard Topcoat.

New non-combustible surfaces: Can be applied directly to primed steel. All other noncombustible surfaces should be primed with an appropriate primer before applying Exterior Guard Topcoat. All combustible surfaces, such as wood, plywood, fiberboard, etc., must be coated with a suitable primer and Flame Control Exterior Guard Basecoat, before application of Exterior Guard Topcoat. New ferrous metal surfaces must be primed with a universal metal primer and allowed to completely cure before applying Exterior Guard Topcoat.

For best results, use of a primer appropriate for the surface is always recommended.

### PREVIOUSLY PAINTED SURFACES:

Noncombustible surfaces having excessive conventional paint film build up, and all combustible surfaces, such as wood, plywood, fiberboard, etc., must be coated with Flame Control Exterior Guard Basecoat, before application of Exterior Guard Topcoat.

Exterior Guard Topcoat may be applied directly to existing paint that is tightly adherent and in good condition. All glossy surfaces should be dulled with sandpaper. Spot prime where necessary with appropriate primer and fire retardant as shown above, before application of Exterior Guard Topcoat.

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### APPLICATION:

Mix paint thoroughly by boxing or stirring. Flame Control Exterior Guard Topcoat can be applied by brush, roller, airless or conventional heavy duty spray equipment. Apply using a full bodied coat at the recommended coverage rates. To conform with surface burning characteristics established for this paint, dilution of the paint should be compensated with reduced coverage rates. Do not apply when surface or air temperatures are below 50°F (10°C). Protect from freezing.

### APPLICATION EQUIPMENT:

#### Airless Spray

#### Titan 440 Impact (or Equivalent)

Pump  
Fluid Pressure. . . . 2250-2700 psi  
Manifold Filter . . . . . 60 Mesh  
Gun Filter . . . . . 60 Mesh  
Fluid Hose . . . . . ¼" diameter  
Gun . . . . . LX-80 II  
Tip. . . . . .017 - .023  
Reduction . . . . . Up to 7%

### FIRE HAZARD CLASSIFICATION:

Flame Control Exterior Guard Performance Coating System has obtained a Class A Flame Spread rating when applied to combustible surfaces. Flame Control Exterior Guard Topcoat was tested in accordance with ASTM E-84 and ULC S-102 test standards when used in conjunction with Flame Control Exterior Guard Basecoat.

COATING (SYSTEM) DETAILS	CLASSIFICATION OR RATING (WHEN APPLIED TO DOUGLAS FIR)	
	Flame Spread	Smoke Developed
<b>PRIMER</b> – None <b>BASE COAT</b> – Exterior Guard Basecoat applied in one coat at 150 sq. ft./U.S. gal. (3.7 m <sup>2</sup> /L) <b>TOP COAT</b> – Exterior Guard Topcoat applied in one coat at 300 sq. ft./U.S. gal (7.3 m <sup>2</sup> /L)	10	15

Flame Control Exterior Guard Topcoat has obtained a Class A Flame Spread rating when applied to non-combustible surfaces. Flame Control Exterior Guard Topcoat was tested in accordance with ASTM E-84 and ULC S-102 test standards when applied to a non-combustible surface.

COATING (SYSTEM) DETAILS	CLASSIFICATION OR RATING (WHEN APPLIED TO INORGANIC-CEMENT BOARD)	
	Flame Spread	Smoke Developed
<b>PRIMER</b> – None <b>BASE COAT</b> – None <b>TOP COAT</b> – Exterior Guard Topcoat applied in one coat at 300 sq. ft./U.S. gal. (7.3 m <sup>2</sup> /L)	0	0

As we cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used, we accept no responsibility for results obtained by the application of this information or the safety or suitability of our products, either alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product or product combination for their own purposes. We sell the products without warranty or guarantee, and buyers and users assume all responsibility and liability for loss or damage from the handling and use of our products, whether used alone or in combination with other products.

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