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### LATEX FIRE RETARDANT INTUMESCENT COATING

#### ***WHAT IS Guardian Paint?***

Guardian paint is non-toxic water based intumescent latex paint that expands when exposed to direct flame, forming a "char barrier" that lifts off the substrate, providing an effective and durable barrier that cuts off the fuel source a fire needs to develop. Guardian paint will prohibit flashovers when used on ceilings and walls; its intumescent composition affords an insulating barrier against fire spread.

#### ***WHERE WOULD I TYPICALLY USE IT?***

Guardian paint may be used across a broad spectrum of industrial, commercial, marine, and residential applications. It can be applied to virtually any substrate except structural steel.

Commercial and Industrial applications include office complexes, hotel rooms, parking garages, flammable material storage, furnace rooms, UPS and telecom rooms, switchgear rooms, server rooms, document storage areas, or any other area where fire hazards exist

Guardian paint is also excellent as protection on the insides of boats - especially engine rooms.

It may be used in residential locations in areas such as kitchens, playrooms, furnace rooms, and garages.

#### ***HOW DO I APPLY GUARDIAN PAINT?***

Guardian paint is a water based latex paint that is applied like any other latex paint i.e., with brushes, rollers or spray. It should never be applied in high humidity areas or when the ambient temperature is below 40° F. It cleans up readily with soap and water. Guardian paint should never be diluted.

#### ***DOES GUARDIAN PAINT CURRENTLY HAVE ANY APPROVALS?***

Guardian is UL approved, New York City Housing Authority approved, ASTM E84-01

#### ***Why is Guardian paint unique?***

Guardian paint is unique in that it is a water-based, non-toxic paint which has a zero flame spread. The proprietary formula enables it to also insulate the substrate which means it will not allow the transfer of all the heat to the substrate.

**HOW EXPENSIVE IS GUARDIAN PAINT IN COMPARISON TO OTHER LATEX PAINTS?**

Guardian paint is price compatible with a good quality latex paint Guardian does everything that a good paint does EXCEPT BURN.

**CAN I USE GUARDIAN PAINT ON STRUCTURAL STEEL?**

Guardian paint can be used on almost any surface, i.e., wood, corrugated steel, wallboard, etc. However, Guardian paint alone CANNOT be used on structural steel. To get any performance on structural steel you would have to box the steel with sheetrock then paint it with Guardian paint.

**WHERE CAN I BUY GUARDIAN PAINT?**

Contact [info@statx.com](mailto:info@statx.com) to find the location of your nearest Guardian distributor.

**HOW DO I PREPARE THE SURFACE BEFORE APPLYING GUARDIAN PAINT?**

As with any paint, the surface must be clean, smooth and free from any loose particles. If you are applying Guardian paint on any exceptionally glossy surface or composite material, a primer may be required.

**IS GUARDIAN PAINT HAZARDOUS?**

Guardian paint is non-toxic and is not hazardous to humans, animals or to the environment.

**WHAT IS THE SHELF LIFE?**

Guardian should be applied within one year of delivery.

**HOW LONG DOES GUARDIAN PAINT LAST ONCE IT IS APPLIED?**

It will last as long as the paint adheres to the substrate and is not damaged or penetrated.

**CAN IT BE EFFECTIVE IF USED AS A PRIMER?**

Yes

**IS GUARDIAN PAINT AVAILABLE IN A GLOSSY FINISH? OR CLEAR?**

No. Guardian is only available in flat finish. The base color of Guardian paint is white but it can be tinted to virtually any color. It is not available as a clear coat.

***WHAT DOES INTUMESCENT MEAN?***

When an intumescent paint is exposed to temperatures of 375° F it expands up to 20 to 100 times its own thickness.

***DOES IT INSULATE WHEN IT EXPANDS?***

Unlike other intumescent paints, Guardian does insulate the substrate when it expands.

***CAN GUARDIAN PAINT BE USED ON EXTERIOR APPLICATIONS?***

Yes, if an exterior topcoat is applied.

***WILL GUARDIAN PAINT PROVIDE PROTECTION IF APPLIED ON WIRES OR PVC WHICH GIVE OFF TOXIC MATERIAL WHEN BURNING?***

Yes, Guardian paint will protect wires and PVC and prevent them from burning in a fire.

***HOW CAN I CONFIRM THAT THE COATING HAS BEEN APPLIED CORRECTLY?***

Determine the total square feet of area to be coated and divide this by the required square feet per gallon (spread rate) as indicated on label, to obtain the number of gallons required.



11503 K-Tel Drive • Minnetonka, MN 55343

Phone: 952.935.9745 • Fax: 952.935.9757 • [www.statx.com](http://www.statx.com)

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