Legend Brands 114807 Chemspec 433502000, Prorestore Unsoot #1 Encapsulant, 4/1 Gallon Case



Model Number: 433502000

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Manufacturer: Chemspec

Unsmoke Unsoot™ #1 Encapsulant

Forms a clear, encapsulating film to contain particulates and dust.

Unsoot #1’s long-lasting barrier helps to contain odors and prevent the release of particulates, thereby helping to improve indoor air quality and occupant comfort after restoration. Use on structural wood, or for sealing duct work and ceiling plenums after fires, smoke damage, or oil burner puff-backs.

Unsoot #1 protection begins once application is completely dry.

Specifications

Sold in cases

4 one gallon (3.8L) bottles

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Flash point

217º F | 102.7º C

Appearance

Milky white liquid

pH

4.9

Specific Gravity

1.05

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Case reorder no.

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Related Documentation

Unsoot #1 MSDS

Use Instructions

Mixing: Dilute 1 part Unsoot #1 with 4 parts water.

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Application: Follow Unsmoke guidelines for air handling systems cleaning and decontamination

For complete instructions and safety data for this product, refer to the Use Guide and Material Safety Data Sheet, available under the Documents tab.

Key Elements for Soot and Odor Control and Mold Prevention

Unsmoke™ Unsoot #1 and #2 offer unique benefits unrivaled by competitive products. Both products provide soot and odor control through an encapsulating film, but Unsoot #2 also creates a long-lasting mold prevention barrier. Unsoot #1 and #2 share several key elements that make them stand out from other restoration products.

1. Unsoot #1 will not change a surface's appearance when used on smoke-damaged structural wood, framing, ducts, etc. Some other products contain whitening agents designed to trap stains, but those agents often change the appearance of the surfaces to which they are applied. On most surfaces, Unsoot #2 is undectable, but on very light surfaces such as wallboard, Unsoot #2 may leave a slight green tint.

2. Both Unsoot #1 and #2 create a water-soluble coating that allows moisture to escape; this is crucial for adequate drying. Many competitive products have low permeance so they act more like a sealant and block out water, but also trap water below the surface. Such products can retard the drying process. For example, after a fire, structural materials are often saturated with water from fire hoses and may not yet be completely dry, yet restoration is underway. Because of their very high permeation factor, Unsoot #1 and #2 allow evaporation of moisture that may still be present within or behind a material, thus reducing the risk of mold growth in treated materials.

3. Unsoot #1 and #2 are ideal for hard-to-reach or inaccessible areas such as duct and HVAC spaces, or pressurized heating and air conditioning systems. You can easily apply either product with a roller, paint brush or airless sprayer to trap particles and keep them from spreading. You can also use a ULV fogger to apply the products into ventilation systems.

Unsoot™ products offer a safety net when doing any restoration job by keeping

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soot and other smoke odors from re-entering a cleaned, deodorized space. These products are designed to be applied to surfaces after they have been cleaned properly. Unsoot #1 can also be used with a deodorant additive as directed on the product label.

WHICH UNSOOT PRODUCT SHOULD THE CUSTOMER USE?
Here's a good rule of thumb: If the customer needs to control particles and odors in an environment that is or will be dry VERY soon, recommend Unsoot #1 . If they need to control particles in an environment that will be damp for awhile, and there's a need to retard mold growth, then recommend Unsoot #2 .

TEST RESULTS: Senior Scientist Mike Kerner treated a piece of wallboard with soot. He used Unsoot #2 on one side and nothing on the other side and wiped the entire surface with a cloth. The untreated side released all the soot particles back into the air. The side treated with Unsoot kept all the particulates from being released into the air.

Other Product Benefits

Dilutable - Unsoot #1 and #2 can be diluted for economical yet full, effective coverage in large areas.

Low solvent smell - Unsoot #1 and #2 have an extremely low solvent content that dissipates quickly. This is an important feature, because most customers don't like the strong residual solvent smells that other products tend to leave behind.

Paintable - You can paint over Unsoot #1 and #2, which is very appealing for contractors. Advise customers to run a paint adhesion test for peel prevention in a small discreet area before they apply the product. Since Unsoot #1 and #2 are somewhat viscous, you can apply them in the same way that you apply paint. And once either one is in place, you can paint over it.

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A Safer Product If Fire Strikes
In any structure, fire spreads quickly along vertical surfaces. You don't want treated surfaces to help fuel a fire. With ASTM tests for flame and smoke generation, the lower the test number, the more slowly the product burns. Unsoot #1 and #2 have a rating of zero - the best score you can get!
Extra Mold Protection with Unsoot #2
Unsmoke Unsoot #2 includes an extra ingredient - Copper 8 Quinolinolate - which provides protection against mold. The copper agent gives Unsoot #2 its characteristic greenish color, allowing the user to see where the product has been applied to ensure full coverage. Most importantly, the copper ingredient protects the surface from being attacked by mold. This additional ingredient accounts for the cost difference between the two products.

Insider tip: Surface Shield is the same product as Unsoot #2, but is marketed to the construction market. Smart building contractors use Surface Shield to keep surfaces from getting moldy during construction.

Combine Unsoot with Other Products for Added Odor Control

Sometimes cleaned surfaces retain odors that are tough to eliminate. Unsoot #1 is compatible with two other ProRestore odor control products: OdorX™ 9-D-9 and OdorX Last Resort. Mix 9-D-9 with Unsoot #1 to attack and trap odors. For the strongest odors, mix Unsoot #1 with 9-D-9 and Last Resort to create a low film of organic solvent that creates a buffer zone so odor can't escape. Use 9-D-9 for mild odors and Last Resort (as the name implies) for very pungent, challenging odors such as those from heavy smoke damage. (Important: Just a little of Last Resort

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goes a long way!) Be sure to review and provide to customers our online guides for mixing these products so customers will understand the proper approach.

The Best Combination - Unsoot Products and Applied Drying

It's important to recognize that these products are not meant to be a substitute for structural drying best practices or proper smoke damage remediation procedures. But when properly applied, Unsoot #1 and Unsoot #2 provide a winning combination for mold prevention and soot and odor control for added peace of mind.

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Availability: This product was added to our catalog on Thursday 27 August, 2009

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