



Knockdown™

Cross-Contamination Control Agent

Description

Airborne and surface borne particles and contaminants can create costly problems if not dealt with at the beginning of a job. Knockdown was created to be a low-cost and effective means for controlling the spread and easily disposing of contaminants to save you time and money. Knockdown works by surrounding contaminants like mold spores, asbestos and lead, adding weight to the particle and dropping it to the ground or temporarily adhering it to surface so that during the cleanup phase of your job, the contaminants are cleaned away for good.

Product Overview

Cross-contamination of particles, whether from mold, asbestos, heavy metals or simply dust can impact the overall quality of a job and it can lead to clearance test failures and hundreds (if not thousands) of dollars in unnecessary labor cost and professional fees. Knockdown works by surrounding particles that threaten to contaminate your job site. The surrounded particles are then dropped to surfaces to be cleaned or remediated. Knockdown encapsulates particles with a water-soluble resin and makes contamination easy to contain and clean from the job site.

Use Knockdown on structural surfaces only or on surfaces to be thoroughly cleaned and restored. Knockdown can be used before, during or after the remediation process to provide cross-contamination quality control and to help ensure good clearance test data. **Areas for use include:** homes, rental properties, professional offices, public and government buildings, schools, child care centers, nursing homes, hotels, restaurants, cafeterias, fitness centers, grocery stores, food storage facilities, distribution centers, barns and kennels. Knockdown is suitable for non-porous and semi-porous surfaces including: finished and unfinished wood, laminated surfaces, stone and masonry surfaces, asphalt surfaces, painted or sealed surfaces, tile, metals, glass, fiberglass, composites, plastics and vinyl (such as those materials used in restoration equipment, personal protection equipment and within construction materials like HVAC, plumbing, flooring and structural substrates). Cover, protect or remove all direct food contact surfaces before use. Cover or rinse all indirect food contact surfaces such as countertops after use.

Knockdown meets current LEED IEQ Credit 4.2 VOC requirements (LD-50) and requires no respiratory protective equipment during application. Knockdown is a unique technology that is water-based, formaldehyde free, safe & easy to use. For a general description of the typical chemical and physical properties refer to the Material Safety and Data Sheet.

Product Attributes

Clear formula for coverage on most surfaces • Based upon water-soluble functionalized polymer technologies • For use in Remediation, Restoration, IAQ and Mitigation applications • Ideal for use in basements, crawl spaces, supports, poured concrete slabs/foundations or on those compatible surfaces where mold remediation has already occurred • Can be used over a variety of surfaces such as masonry, gypsum (wall board), brick, block walls, cinder block, pre-formed concrete, painted surfaces, stucco, wood, metal, plastic, fiberglass and other construction materials • Easy to remove after use and/or over coat with a durable Enviroguard coating • Non-hazardous to apply and easy to use with most airless spray equipment or by brush or roller • Can be used for industrial, commercial, residential, hospital and school applications.

Environmental & Safety Benefits

Non Toxic (aquatic & human) • Non-Flammable • Phosphate Free • Biodegradable • Contains No Hazardous Ingredients • No Glycol Ethers • No Alkalies • Non-Reactive • VOC Compliant • Bio-based ingredients • NPE Free • Fragrance Free

Storage & Green Disposal

Product Storage: Store in original, tightly closed containers above (40° F) in a secure area inaccessible to children.

Product Disposal: Wastes resulting from the use of this product may be disposed of onsite.

Container Disposal: Triple rinse (or equivalent). Offer for recycling or reconditioning. Contact your local recycling or reconditioning facility for instructions.

APPLICATION AND SAFETY PROTOCOL:

Dilute prior to use at 8 ounces (1 cup) into 120 ounces of water to make 1 ready-to-use gallon. Stir or shake well to combine. Ensure that all surfaces are free of all wax, grease, oil, dirt, rust, mold and other surface contaminants. Do not apply to surfaces having a temperature of less than 40°F. Apply evenly to wooden surfaces at the rate of up to 600-800 ft/ gal so that the surface appears uniformly and completely wetted. Knockdown is recommended for use on structural surfaces only. Do not use on finished surfaces or textiles.

APPLICATION EQUIPMENT

Knockdown can be applied with most spray equipment. For coarse spray equipment such as airless sprayers or mechanical spray devices, a small tip size to handle water-like viscosities should be used. For fogging, the equipment should be adjusted to the point that a visible mist is being emitted. After application all areas should dwell for 10 minutes. Prior to entering the areas to continue work, the space should be evacuated of the fog or aerosolized Knockdown with a air scrubber.

IMPORTANT

When applying Knockdown, proper personal protective equipment should be used. Necessary equipment and clothing are the same as would be used when applying other water based paints or coatings. Ensure that the application area is well ventilated after application to avoid build-up of aerosolized Knockdown. Appropriate respiratory protection should be used when applying by spraying in non-ventilated areas. Use of a respirator with organic vapor cartridges is suggested if adequate ventilation can not be achieved. After application of Knockdown, ventilate the area prior to re-entry and continued work.

CLEAN-UP

Use fresh water to rinse out application equipment. Clean the exterior of equipment from dried-on Knockdown with water as well.

LIMITATIONS

Do not store or apply below 40°F (4°C) or above 120°F (49°C). Protect from freezing until dry. This product does not protect users or others against bacteria, viruses, germs, or other disease organisms. It does not take the place of normal cleaning & disinfecting procedures. For use in interior and unconditioned spaces. This product is not a replacement for proper maintenance. It will not prevent or protect from cracking, settling or warping that is common to all construction.

APPLICATIONS ASSISTANCE

For additional information about EnviroSeal for concrete coating, contact Paradigm Labs at 888-933-4554 or send an email to info@paradigmlabs.us.

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