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Fiberlock

TECHNOLOGIES

Professional Products
Professional Results



ASBESTOS BINDING COMPOUND

Professional Penetrating & Bridging Asbestos Encapsulant (Off-White)

- Encapsulates fireproofing, soundproofing and soil
- Class A fire rated
- Exceeds EPA standards for encapsulation

NET CONTENTS: 5 Gallons

For Professional Use Only

Asbestos Abatement Products

ABC Asbestos Binding Compound is a high solids asbestos encapsulant/sealant, designed to encapsulate friable Asbestos Containing Material (ACM) such as fireproofing and insulation material. ABC is an important tool for coping with the health hazards associated with exposure to asbestos fibers. In 1978, ABC was tested for the EPA under contract #68-03-2552-T2005 by Battelle Laboratories of Columbus, Ohio, and found to meet the requirements for the effective encapsulation and removal of ACM. The high solids, nonflammable composition of ABC allows for dilution with water to provide maximum flexibility for specific asbestos abatement needs, including lockdown/removal, penetrating encapsulation and bridging encapsulation. ABC is also an effective tool for controlling the documented health hazard of exposure to asbestos fibers found present in soil.

SURFACE PREPARATION

Warning! If you scrape, sand, or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to www.epa.gov/lead.

Prior to application it is important to determine if the existing asbestos matrix is well adhered to the substrate. Correct any surface defects and clean all surfaces thoroughly. Be careful not to agitate asbestos fibers during preparation; this could increase asbestos exposure. Stir ABC thoroughly to achieve a uniform consistency. ABC may be diluted with water for different applications.

APPLICATION TOOLS

Professional models of all brands of airless spray equipment can be used to successfully apply ABC. Use the settings below when applying ABC:

- PENETRATING: .017 to .031 tip @ 1300-1400 P.S.I.
- BRIDGING: .017 to .031 tip @ 2200-3000 P.S.I.
- REMOVAL/LOCKDOWN: .015 to .025 tip @ 2200-2300 P.S.I.

PRODUCT APPLICATION

ENCAPSULATION INSTRUCTIONS

PENETRANT – For most fibrous asbestos applications such as “cotton candy” style fireproofing or compressed

acoustic material less than 2 inches thick, add 1 part water to 1 part ABC. Using the proper spray equipment settings listed, apply ABC to the ACM until saturated. Multiple passes may be required, allowing time between passes for dissipation of the solution into the matrix. Full saturation is achieved when the ACM will not absorb any more of the encapsulant into the matrix. Coverage, depending on thickness and porosity of the material, can vary between 50 - 75 sq. ft./gal.

BRIDGING AGENT – A qualified asbestos professional should determine the necessary dry film thickness for individual abatement projects. The necessary dry film thickness of a bridging encapsulant for asbestos containing materials (ACM) will vary from project to project as ACM can have a wide range of characteristics, including density, porosity, and surface profile. In the EPA’s Guidance for Controlling Asbestos-Containing Materials in Buildings (EPA 560 / 5-84024, June 1985), the primary instruction regarding dry film thickness states that when encapsulating ACM, the coating is to be applied “considerably thicker than recommended for painting. Coverage should be no more than 100 sq. ft. per gallon and should create a continuous, unbroken coating” (Section 5.1.3, page 5-8).

For bridging applications, apply ABC at full strength with an airless sprayer in accordance with the settings listed below. Typical bridging applications are applied at a coverage rate of 75-100 sq. ft./gallon, which yields a dry film thickness between 6-10 mils on hard, cementitious ACM. For more information, contact Fiberlock or visit our website for the complete Specification for ABC.

REMOVAL/LOCKDOWN

Removal is recommended for loosely adhered ACM. Mix 4 parts water to 1 part ABC and apply to ACM. ABC will facilitate removal by penetrating into the ACM keeping it moist and sticky. After the ACM has been removed, apply 1 part ABC diluted with 1 part water to seal residual fibers left on substrate.

SOIL ENCAPSULATION INSTRUCTIONS

PENETRANT – For encapsulation of soil contaminated with asbestos, mix one part ABC with one part water. Apply as a penetrating encapsulant to increase the dimensional stability of the soil, while reducing its porosity. For heavy clay or hard packed soils, the dilution rate may need to be increased to 2 parts water to one part ABC to improve penetration. Porous soils, such as those with high sand or gravel content, may require

more product per square foot, or multiple applications of penetrating encapsulant solution.

BRIDGING AGENT – Apply ABC full strength as a bridging encapsulant. Dry film thickness and application rate should be determined by a qualified asbestos professional as appropriate to the project site and goals.

COVERAGE

Coverage depends on thickness and porosity of the material.

- Penetrant: 50-75 ft² per gallon
- Penetrant (Soil): 30-35 ft² per gallon
- Bridging Agent: 75-100 ft² per gallon
- Bridging Agent (Soil): 75-100 ft² per gallon

DRYING TIME @ 70°F 50% R.H

Drying time will vary based on thickness and porosity of the ACM being encapsulated.

To Touch: 1-2 hours

CLEANUP

Tools and drippings should be cleaned with warm soapy water before coating dries. Follow equipment manufacturer’s directions to clean spray equipment. Dispose of waste according to all current local, state and federal regulations.

PRECAUTIONS

Store in a dry place at temperatures between 40°F (4.5°C) and 90°F (32°C). Approved respirators must be used to prevent inhalation of asbestos fibers that may be present in the air. Protective clothing should be worn. When applying with a sprayer, wear a NIOSH approved respirator with any R, P, N or HE filter.

All asbestos abatement activities must be performed in accordance with all applicable regulations including EPA, OSHA, Federal, State and Local. For more information always contact the appropriate agencies prior to beginning any abatement project.

For Technical Information call 800.342.3755

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of this product are beyond our control. Neither ICP Construction, Inc., nor its agents shall be responsible for the use of this product or any procedures or apparatus mentioned. We recommend that the prospective user determine the suitability of ABC, for each specific project and for the health and safety of personnel working in the area.

For additional information check Safety Data Sheet (SDS) or Product Data Sheet (PDS) available online at www.fiberlock.com.

ABC, the ABC Logo and other marks on this label are trademarks of ICP Construction, Inc.

6421-5 Off-White



CAUTION!
KEEP OUT OF REACH OF CHILDREN.

Do not take internally.
Close container after each use. Keep from freezing.
Store between 40°F (4.5°C) and 90°F (32°C)

CAS. No.:	CHEMICAL INGREDIENTS
7732-18-5	Water
13463-67-7	Titanium dioxide
25265-77-4	2,2,4-trimethyl-1-3,pentenediol monoisobutyrate
Not available*	Proprietary surfactant
Not available*	Latex resin solids
*Contents partially unknown	

Calculated VOC: 64 g/l

WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

WARNING:



Hazard Statements:
Harmful if inhaled.
Causes mild skin irritation.
Causes serious eye irritation.

Precautionary Statements:

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection (eye protection, gloves) during application. When grinding/sanding dry films, wear respiratory protection.
Response: If on skin, wash with plenty of soap and water. If in eyes, rinse cautiously for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If inhaled, remove victim to fresh air. If exposed or concerned, get medical advice.
Storage: Keep closures tight and containers upright to prevent leakage. KEEP FROM FREEZING. Product is non-combustible.
Disposal: The coating and any contaminated diking material should be thoroughly air dried and collected into drums. The drums should be sealed and labeled and land-filled or incinerated according to local, regional and national regulations.
Emergency Tel. No.: CHEM TEL: (U.S.): 1-800-255-3924 (Outside the U.S.): 813-248-0585

ICP CONSTRUCTION
150 Dascomb Rd.
Andover, MA 01810
(800) 342-3755
www.fiberlock.com