



CHILDERS CP-210

Product Data Sheet

PROPERTIES

COLOR:

Yellow

Other colors available on special orders.

AVERAGE NON-VOLATILE (ASTM D-2369):

12% to 14% by weight

AVERAGE WEIGHT/U.S. GALLON (ASTM D 1475):

9.1 lbs. (1.09 kg/l)

SERVICE TEMPERATURE LIMITS (FSTM 70):

(Temperature to which dry encapsulant/sealer is subjected.)

0°F to 1500°F (-18°C to 815°C)

COVERAGE:

When used as a penetrating encapsulant, apply at coverage rate of 25 board ft. per U.S. gallon.

1/4" penetration = 100 sq.ft./gal. (2.45 sq.m/l)

1/2" penetration = 75 sq.ft./gal. (1.84 sq.m/l)

3/4" penetration = 50 sq.ft./gal. (1.23 sq.m/l)

1" penetration = 25 sq.ft./gal. (0.61 sq.m/l)

To use as a post-removal sealer, apply at a coverage rate of 500 sq.ft./gal. (12.3 sq. m/l).

WET FLAMMABILITY (ASTM D 3278):


No flash to boiling 210°F (98.9°C)

SURFACE BURNING CHARACTERISTICS (ASTM E 84):

Flame Spread: 5.0

Smoke Developed: 0

Applied to 1/4" (6.4 mm) inorganic reinforced cement board at a coverage rate of one gallon per 100 sq. ft. (.41 l/m²). The flame spread may vary at different product thicknesses and/or when applied over surfaces other than inorganic reinforced cement board.

	GENERAL PURPOSE COATING	
	SURFACE BURNING CHARACTERISTICS	
Applied to 1/4" Inorganic Reinforced Cement Board		
Flame Spread:	5	
Smoke Developed:	0	
Rate per Coat (Sq.ft/gallon):	100	
Number of Coats	1	
Flash point of liquid coating (closed cup): no flash to boiling		
282U		

CHIL-ABATE™

High Temperature

Encapsulant/Penetrating Encapsulant/ Post Removal Sealer



CHIL-ABATE CP-210 is a multi purpose silicate based low viscosity spray-applied wetting agent, and high temperature penetrating encapsulant and lock-down sealer designed for application onto all forms of asbestos. It wets, encapsulates, and locks down asbestos fibers to the substrate.

CHIL-ABATE encapsulant/sealer performs multiple functions in negative air containment areas and glove bag removal processes. As a wetting agent and penetrating encapsulant, it wets, penetrates, and encapsulates asbestos containing materials (ACM) to permit safe, efficient removal and handling. As a high temperature, post-removal sealer, it securely adheres and seals residual asbestos fibers to the substrate. It identifies and designates those areas and objects, after post-removal, which are ready for refurbishing. It is also used in "misting" the containment area to reduce airborne asbestos fibers.

CHIL-ABATE encapsulant/sealer is used to encapsulate ACM prior to the application of a protective watertight mechanical abuse resistant bridging encapsulant, such as Chil-Bridge CP-211, when the encapsulated ACM is to remain in place temporarily or permanently.

CHIL-ABATE encapsulant/sealer is multi-functional. Only one product is needed to mist, wet, penetrate, remove and lock down ACM. It has little objectionable odor. Penetration into the ACM is both fast and deep which reduces material run-off and sets up the wetted ACM for faster removal.

CHIL-ABATE contains no asbestos, lead, mercury, or mercury compounds.

LIMITATIONS

Do not store over 100°F (38°C). Do not apply below 32°F (0°C) or to surfaces operating in excess of 130°F (54°C).

Protect from freezing until dry.

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H.B. Fuller Construction Products Inc.

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APPLICATION GUIDE FOR CHIL-ABATE™ PENETRATING ENCAPSULANT/POST REMOVAL SEALER CP-210

MATERIAL PREPARATION

Stir well but do not use sticks, boards, or anything else which would splinter or otherwise contaminate the product. Use CHIL-ABATE CP-210 as supplied; DO NOT DILUTE OR THIN. Store at room temperature prior to spraying to achieve best results. Prevent freezing of material.

SITE PREPARATION

As a minimum, follow all procedures outlined by Federal, State, and Local Authorities regulating asbestos abatement projects and the wastes generated therein.

SPRAY PREPARATION

CHIL-ABATE CP-210 encapsulant/sealer is readily and easily applied by low pressure airless spraying equipment and/or simple hand pump, and spray bottle. When used as a penetrating encapsulant, first mist the containment area to minimize airborne asbestos contaminants. Then, wet all surfaces of the ACM lightly to break the surface tension. Spray the first coat until droplets begin to form on the surface of the ACM, being sure to avoid heavy run-off patterns. Allow the product to "wick in" to the ACM while continuing to spray areas of adjacent surfaces to be removed. While wet and being removed, continue to apply subsequent passes to the ACM until the maximum penetration has been achieved. ACM should be removed while still wet for ease and efficiency.

When CHIL-ABATE CP-210 encapsulant/sealer is to be used for lock-down post-removal sealer purposes, it should be misted as a fog, using low pressure airless spray equipment (150 psi minimum) to achieve the fog effect. Fog to entrap and seal residual asbestos fibers after the primary removal work has been performed. Also mist apply the product onto the polyethylene sheeting and into the air in the containment area. Avoid spraying excessive quantities of CHIL-ABATE CP-210 encapsulant/sealer when used as a lock down sealer on non-porous surfaces. Puddling and/or liquid run off will cause flaking or crystallizing. Clean up any overspray while still wet. Allow to thoroughly dry before taking air quality samples and before disassembly of the contaminants area.

GLOVE BAG/HAND PUMP APPLICATION

Place a full spray bottle into the glove bag with other necessary tools, and install the glove bag. Spray apply-CHIL-ABATE CP-210 encapsulant/sealer via a suitable hand pump or spray bottle onto the ACM after installation of the glove bag to lock down friable fibers that could become airborne. Mist and wet the entire surface inside the glove bag before starting to remove any ACM. Remove ACM in accordance with specifications.

FLOORS

CP-210 is not suggested as a floor traffic coating. It may be used on floors provided that a new floor surfacing material is installed over it. Flooring installers must determine by their own tests that any mastic, adhesive or cement they plan on using is compatible with, and bonds firmly to, the dried CP-210.

SAFETY PRECAUTIONS

Eyes and skin should be protected at all times. Respirators should be utilized according to O.S.H.A. regulatory requirements. Repeated or prolonged skin contact may cause mild irritation. Do not allow to come into contact with glass surfaces and/or objects. Cover all exposed glass to protect against etching. Avoid contact with fiberglass insulation, membrane, or cloth during or after abatement.

CLEAN UP

Use fresh water to clean equipment before the product dries. Dry product may be removed with hot soapy water or strong solvents such as chlorinated solvent (non-flammable) or xylol (flammable).

CUSTOMER SERVICE—800-832-9002

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ADEQUATE TESTS: The information contained herein we believe is correct to the best of our knowledge and tests. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that adequate tests be performed by you to determine if this product meets all of your requirements. The warranted shelf life of our products is six months from date of shipment to the original purchaser.

**For professional use only. Keep out of reach of children.
Consult Material Safety Data Sheet and container label for further information.**