



CHAPCO® Safe-Set 2

Pressure Sensitive Carpet Tile Adhesive (Releasable)



PRODUCT DATA

1. PRODUCT NAME

CHAPCO® Safe-Set 2 Pressure Sensitive Carpet Tile Adhesive

2. MANUFACTURER

H.B. Fuller Construction Products Inc.
1105 South Frontenac Street
Aurora, IL 60504-6451 U.S.A.
800.552.6225 Office
800.952.2368 Fax
www.chapco-adhesive.com

3. DESCRIPTION

All CHAPCO adhesives are solvent-free, non-flammable, freeze/thaw stable, and nearly odor-free. CHAPCO adhesives can be used where other adhesives might present potential health risks. They are suitable for office buildings, hotels, hospitals, schools, restaurants, and assisted living facilities.

CHAPCO Safe-Set 2 Carpet Tile Adhesive is a moisture resistant, releasable pressure sensitive, acrylic latex adhesive used for the installation of carpet cushion and solid vinyl, solid urethane, and non-foam back carpet tiles (PVC) and fiberglass-backed flooring. Solid or hard-backed carpet tiles can be removed and new ones reinstalled. The releasable feature of CHAPCO Carpet Tile Adhesive will not work with foam back carpet tile.

Product Features

- High Moisture Technology - up to 90% RH/10 lbs. MVER
- ASTM F 2170 - 90% RH and ASTM F 1869 - HMT at 10 lbs.
- Aggressive tack – more tack, better bond for tough backings
- Acrylic latex-based for exceptional resistance to plasticizer migration
- Extremely low-odor – ideal for use in occupied buildings
- LEED Compliant (VOC 0 g/L) and CRI Green Label Plus Certified
- For use with the installation of carpet cushion and solid vinyl, solid urethane, recycled and non-foam back carpet tiles (PVC) and recycled materials

Packaging

One U.S. Quart pail (545 ml)
Product #70-4736-5169

One U.S. Gallon pail (3.7 L)
Product #70-4736-5069

Four U.S. Gallon pail (15.14 L)
Product #70-4736-1369

Coverage

Approximately 20-25 square yards (180-225 ft²) per gallon. Coverage will vary with the type of floor covering and job conditions.

Suitable Substrates

Substrates include but are not limited to:

- Concrete
- Marble and terrazzo
- Metal
- Plywood - APA standard grade or better
- Multiply Underlayment
- Fiber-cement underlayment
- Portland Cement based underlayment
- Existing single layer non-cushioned resilient flooring (well bonded, smooth, wax-free)
- Radiant heated subfloors (surface temperature does not exceed 85°F)

Storage/Shelf Life

Store indoors only. Protect from freezing. Adhesive is freeze/thaw stable to 10°F. Prolonged or repeated freeze/thaw cycles

should be avoided. Should adhesive freeze, allow to thaw at room temperature and stir well before using. Maximum shelf life is 1 year from date of manufacture in unopened package.

Limitations

Foam back carpet tiles will not be releasable.

Cautions

Read complete cautionary information printed on product container prior to use. For medical emergency information, call 1-888-853-1758.

This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about guidelines for the proper use and application of the covered CHAPCO products under normal environmental and working conditions. Because each project is different, H.B. Fuller Construction Products Inc. cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

4. TECHNICAL DATA

CHAPCO® Safe-Set 2 Pressure Sensitive Carpet Tile Adhesive (Releasable)	
Base	Acrylic Latex
Consistency	Thin Paste
Shelf Life	One Year, Unopened
Color	White-Wet
Weight per gallon	8.4 lbs.
Open Time	Indefinite After Set Up (If Kept Clean)
Volitile Organic Compounds (VOC)	0 g/L

5. INSTALLATION INSTRUCTIONS

Preparation of Surfaces

Use on grade, above grade, or below grade. May be used over plywood, hardboard, concrete, terrazzo, steel, and well bonded wax-free floor coverings. Use a high quality Portland Cement patching compound to fill or level any irregular areas. The floor must be sound, dry, and free from dirt, dust, old adhesives, grease, wax, or other foreign matter. Painted or varnished surfaces must be sanded and dust-free. Concrete floors must be fully cured, free from dust, moisture, excessive alkalinity, curing agents, and excessive moisture vapor emissions up to 90% RH/10 lbs. MVER. On-and below-grade concrete must have a satisfactory moisture barrier beneath the slab. All dusting and very porous subfloors must be sealed. Sealer must be dry for 24-48 hours before application of adhesive.

All concrete substrates must be tested for moisture and pH prior to flooring installation. Install flooring with CHAPCO Safe-Set 2 over concrete with a moisture vapor emission rate up to 10 lb. per 1,000 sq. ft. (4.54 kg/ 93 m²) per 24 hours when tested in accordance with ASTM F 1869 or up to 90% RH when tested in accordance with ASTM F 2170. For concrete with greater moisture levels, treat the concrete with CHAPCO'S DEFENDER™ Moisture Vapor Barrier. See Product Data Sheet for details. Test for pH in accordance with ASTM F 710. Range of 7-9 is required.

Application Instructions

The adhesive, cushion or flooring, and room should be maintained at a minimum temperature of 65°F for 48 hours prior to, during, and after installation. Apply the adhesive with a 1/32" x 1/16" x 5/64" U-notched trowel, short nap roller, or coarse brush. If the carpet cushion or back of tile is not smooth be sure not to spread the adhesive too thin using a 1/16" x 1/16" x 1/16" square-notch trowel. Allow the adhesive to turn from white to transparent (clear) before installing the cushion or carpet tile.



That set-up time will vary with the temperature, humidity, and porosity of the subfloor. If a permanent, non-releasable bond is desired, place the carpet or pad into the adhesive while it is still wet (before the color change). Apply pressure evenly over the finished area to insure adequate contact. Restrict heavy foot traffic or rolling loads for at least 24 hours.

Clean-up

Fresh adhesive (and dried adhesive on resilient flooring) can be removed with a soapy, wet cloth. Dried adhesive can be removed from carpet with acetone cleaning solvent.

6. AVAILABILITY AND COST

To locate a distributor in your area, please contact:

phone: 800-832-9002

website: www.chapco-adhesive.com

7. WARRANTY

H.B. Fuller Construction Products Inc. offers a limited warranty on this product when installed in accordance with H.B. Fuller Construction Products Inc. printed specifications. Ask your sales associate or call 800-832-9002 for a copy of the limited warranty.

8. MAINTENANCE

Not applicable.

9. TECHNICAL ASSISTANCE

Information is available by calling the Technical Support Hotline:

Toll-free: 800-832-9023

Technical and Safety Literature:

To acquire Technical and safety literature, please call 800-832-9023.



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