



CHAPCO® Safe-Set 3

Fast Grab Carpet Adhesive



PRODUCT DATA

1. PRODUCT NAME

CHAPCO® Safe-Set 3 Fast Grab Carpet 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 Safe-Set adhesives are solvent-free, non-flammable, freeze/thaw stable, and nearly odor-free. Safe-Set adhesives can be used where other adhesives might present potential health risks. They are suitable for office buildings, hotels, hospitals, schools, restaurants, nursing homes, etc. Safe-Set adhesives contain one or more micro-biocides to inhibit the growth of mold and mildew.

Safe-Set 3 can be used to install carpet to all approved subfloors. It's also ideal for double bond installations (carpet to pad). It exhibits extremely fast grab and high tack. For use with the following backings: Jute, Synthetic Fiber Back, Enhancer Back, Urethane Foam Back, Latex Unitary Back, Woven Back, Hot Melt Back, and Needle-punch carpet from all major manufacturers. Not for use with vinyl back carpet.

Product Features

- High Moisture Technology - up to 86% RH/8 lbs. MVER
- ASTM F 2170 - 86% RH and ASTM F 1869 - HMT at 8 lbs.
- High solid formulation providing a tenacious bond
- Ideal for Double-Bond method of installation (carpet to pad)
- Extremely low-odor – ideal for use in occupied buildings
- LEED Compliant (VOC 0 g/L) and CRI Green Label Plus Certified
- For use with Jute, Synthetic Fiber Back, Enhancer Back, ActionBac, Urethane Foam Back, Closed-Cellular Urethane, Sponge-Rubber, Latex Unitary Back, Woven Back, Hot Melt Back, and Needle-punch

Packaging

One U.S. gallon pail (3.7 L)
Product #70-4723-1369

Coverage

Approximately 10-12 square yards (90-108 square feet) per gallon. For Double Bond, 6-8 square yards (54-72 square feet) per gallon. Coverage will vary with the type of floor covering and job conditions.

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 one year from date of manufacture in unopened container.

Limitations

Full cure takes 48-72 hours; the finished installation must be protected from moisture and/or freezing for a minimum of 24 hours. Not for use with vinyl back carpet.

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 3 Fast Grab Carpet Adhesive	
Base	Latex
Consistency	Medium Paste
Shelf Life	One Year, Unopened
Color	Off White
Weight per gallon	9.75 lbs.
Open Time	25-30 Minutes
VOC	0 g/L Calculated

5. INSTALLATION INSTRUCTIONS

Preparation of Surfaces

Use on grade, above grade, or below grade. Safe-Set 3 may be used over structurally sound surfaces of plywood (sealed), hardboard, concrete, and terrazzo. Use a high quality latex/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. Concrete floors must be fully cured, free from dust, moisture, excessive alkalinity, curing agents, and excessive moisture vapor emissions up to 86% RH/8 lbs. MVER. On and below grade concrete must have a satisfactory moisture barrier beneath the slab.

All concrete substrates must be tested for moisture and pH prior to flooring installation. Install flooring with CHAPCO Safe-Set 3 over concrete with a moisture vapor emission rate up to 8 lb. per 1,000 sq. ft. (3.63 kg/ 93 m²) per 24 hours when tested in accordance with ASTM F 1869 or up to 86% 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, carpeting, and room should be maintained at a minimum temperature of 65°F for 48 hours prior to, during, and after installation. For most backings use a 1/8" x 1/8" x 1/16" V-notched trowel. For deeply textured backings use a 1/8" x 1/8" x 1/16" U-notched trowel. For double bond applications (carpet to pad) use the U-notched series of double bond trowels. Apply only that amount of adhesive that can be covered in 25 minutes. That open time will vary with the temperature, humidity, and porosity of the subfloor. Check open time periodically by lifting a section just laid to be certain there is 100% transfer of adhesive to the back of the carpet. For best results let the adhesive tack up before installing the carpet. After installation, roll the carpet with a carpet core or light weight (25-50 lb.) roller. Restrict heavy foot traffic or rolling loads for at least 24 hours; 72-96 hours under double bond applications.

CARPET ADHESIVES



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 CHAPCO #51 Non-Flammable 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.



H.B. Fuller Construction Products Inc.
1105 South Frontenac Street
Aurora, IL 60504
PH 800.832.9002
www.chapco-adhesive.com