



CHAPCO™

CHAPCO® Safe-Set® 321

Sheet Vinyl Adhesive



PRODUCT DATA

1. PRODUCT NAME

CHAPCO® Safe-Set® 321 Sheet Vinyl 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
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 321 is formulated to exact specifications for bonding fiber backed resilient floor coverings to all approved subfloors. Provides extra slip time to position sheet goods. It's a cost effective adhesive that provides excellent adhesion to hold down edges and buckles and good moisture resistance. For use with fiber backed sheet goods from all major manufacturers. Not for use with vinyl back, urethane back, or fiberglass back sheet goods.

Packaging

Four U.S. Gallon pail (15.14 L)
Product #70-4784-1369

Coverage

Approximately 18-20 square yards (160-180 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 1 year from date of manufacture in unopened package.

Limitations

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

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® 321 Sheet Vinyl Adhesive	
Base	Latex
Consistency	Medium Paste
Shelf Life	One Year, Unopened
Color	Cream
Weight per gallon	8.4 lbs
Open Time	45-60 Minutes
VOC	0 g/L Calculated

5. INSTALLATION INSTRUCTIONS

Preparation of Surfaces

Use on grade, above grade, or below grade. Safe-Set 321 may be used over structurally sound surfaces of plywood (sealed), hardboard, concrete, and terrazzo. Use a high quality latex-type 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 (3 lbs./1,000 SF/24 hrs.). On and below grade concrete must have a satisfactory moisture barrier beneath the slab.

Application Instructions

The adhesive, floor covering, and room should be maintained at a minimum temperature of 65°F for 48 hours prior to, during, and after installation. Use a 1/16" x 1/16" x 1/16" square notched trowel. Apply only that amount of adhesive that can be covered in 40 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 floor covering. After installation, roll sheet goods with a 75-100 lb. roller. Restrict heavy foot traffic or rolling loads for at least 24 hours. Protect from moisture for 48-72 hours.

Clean-up

Fresh adhesive (less than 8 hours old) can be removed with ice cold soapy water and wet cloth. Dried adhesive can be removed from carpet with mineral spirits or acetone. For dried adhesive film, use mineral spirits or acetone carefully, as these products can compromise the floor finishes. Always refer to the material manufacturer for proper dried adhesive removal procedures.

6. AVAILABILITY AND COST

To locate a distributor in your area, please contact:
phone: 800-832-9002
website: 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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RESILIENT ADHESIVES