



**CHAPCO™**

# CHAPCO® Safe-Set® 7

## Clear Thin Spread Adhesive



### PRODUCT DATA

#### 1. PRODUCT NAME

CHAPCO® Safe-Set® 7 Clear Thin Spread 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, assisted living facilities, etc. Safe-Set adhesives contain one or more micro-biocides to inhibit the growth of mold and mildew.

Safe-Set 7 is a pressure sensitive latex adhesive for the interior installation of vinyl composition tile and asphalt tile. When used according to directions, Safe-Set 7 will bond new tile to old floor coverings. The outstanding features of Safe-Set 7 are ease of application, immediate grab, and excellent moisture resistance. Safe-Set 7 dries to an transparent-clear film and is freeze/thaw stable. Not for use with solid vinyl 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.
- Formulated to provide immediate grab and quick-drying to expedite installations
- Provides the ability to bond new tile to old (tile-over-tile installation)
- Dries clear – allows chalk lines to remain visible during installation
- Extremely low-odor – ideal for use in occupied buildings
- LEED Compliant (VOC 0 g/L) and CRI Green Label Plus Certified

#### Packaging

One U.S. Quart pail (545 ml)  
Product #70-4749-5169  
One U.S. Gallon pail (3.7 L)  
Product #70-4749-5069  
Four U.S. Gallon pail (15.14 L)  
Product #70-4749-1369

#### Coverage

Approximately 160-350 square feet per gallon. Coverage will vary with selection of trowel size.

#### 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, thaw at room temperature and stir well before using. Maximum shelf life is 1 year from date of manufacture in unopened package.

#### Limitations

The finished installation must be protected from moisture and/or freezing for a minimum of 24 hours. Not for use with solid vinyl tile.

#### 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 7 Clear Thin Spread Adhesive	
Base	Latex
Consistency	Thin Paste
Shelf Life	One Year, Unopened
Color	Off White-Wet Transparent Clear-Dry
Weight per gallon	9.2 lbs.
Open Time	1-72 Hours
VOC	0 g/L Calculated

#### 5. INSTALLATION INSTRUCTIONS

##### Preparation of Surfaces

Use on grade, above grade, or below grade (if the floor covering is recommended for below grade installations). May be used over plywood, hardboard, concrete, terrazzo, steel, and well-bonded, wax-free floor coverings. 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. 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. May be used to install tile over old cutback adhesive residue provided that the old adhesive ridges or puddling is removed and the floor is smooth.

All concrete substrates must be tested for moisture and pH prior to flooring installation. Install flooring with CHAPCO Safe-Set 7 over newly poured concrete, containing a vapor barrier with a moisture vapor emission rate up to 10 lb. per 1,000 sq. ft. (4.54 kg/ 93 m<sup>2</sup>) 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 or with no vapor barrier, 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, tile, 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 1/16" x 1/16" x 1/16" square notched (Porous); 1/16" x 1/32" x 5/64" U-notch (Porous & Non Porous), or a short nap roller. (Troweling is the preferred method and is recommended whenever the subfloor is very porous). Allow the adhesive to turn from white to an transparent-clear color before installing tile (approximately 30 minutes).

RESILIENT ADHESIVES



That set-up time will vary with the temperature, humidity, trowel selection and porosity of the subfloor. To test, touch the adhesive lightly; if it does not transfer to your finger, proceed with the installation. Tiles may be installed up to seventy-two (72) hours after the adhesive has dried (when using the 1/16" x 1/16" x 1/16" square notched trowel). Roll the entire floor with a 100 lb. roller within one (1) hour of installation. 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 mineral spirits.

**6. AVAILABILITY AND COST**

To locate a distributor in your area, please contact:

phone: 800-832-9002

website: [www.chapco-adhesive.com](http://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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