



# CHAPCO® Safe-Set® 607

## Premium Spray Adhesive



### PRODUCT DATA

#### 1. PRODUCT NAME

CHAPCO® Safe-Set® 607 Premium Spray 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

CHAPCO® Safe-Set® adhesives are solvent free, non-flammable, freeze/thaw stable, and almost odor free. Safe-Set adhesives can be used where other adhesives might present potential health risks. Safe-Set 607 is suitable for office buildings, hotels, hospitals, schools, restaurants and assisted living facilities.

Safe-Set 607 is a Premium Spray Adhesive that can be used for the installation of carpet to cushion (Double Bond), Direct Glue and Vinyl Composition Tile. Safe-Set 607 is extremely water resistant when cured.

#### 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
- LEED Compliant (VOC 0 g/L) and CRI Green Label Plus Certified

#### Packaging

Five U.S. gallon pail (18.9 L)  
Product #70-4739-1569

#### Coverage

Coverage varies with floor coverings and job conditions. Refer to the application section of data sheet for further information.

#### Storage/Shelf Life

Non-flammable. Protect from freezing. Adhesive is freeze/thaw stable to 10°F. Prolonged or repeated freeze/thaw cycles should be avoided. Maximum shelf life is one year from date of manufacture in unopened container.

#### Limitations

Full cure approximately 21 days. Do not steam clean carpet before this.

#### 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® 607 Premium Spray Adhesive	
Base	Latex
Consistency	Thin Paste
Shelf Life	One Year, Unopened
Color	Off-White-Wet Opaque-Dry
Weight per gallon	9.2 lbs.
Open Time	30-40 minutes; depending on subfloor, temperature, and humidity.
VOC	0 g/L Calculated

#### 5. INSTALLATION INSTRUCTIONS

##### Preparation of Surfaces

Use over subfloors of concrete (on or above grade). Underlayment grade plywood and existing well bonded smooth resilient flooring. Floor must be sound, dry and free from grease, dirt, dust, old adhesive, wax or other foreign matter. (Use quality type Latex/Portland cement based patching compound to fill or level any irregular areas in the subfloor.) Resilient floors should never be sanded, they may contain asbestos. Room, floor covering and adhesive must be at a temperature of 72°F for 48 hours prior to and after installation.

All concrete substrates must be tested for moisture and pH prior to flooring installation. Install flooring with CHAPCO Safe-Set 607 over concrete 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, 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

1. When installing direct glue down carpet a .035" spray tip should be used while maintaining a 50% overlap to the spray pattern. Apply only enough adhesive that can be covered within 30-40 minutes. Open time will vary with atmospheric conditions. Use the "Tack Up" method of installation for best results on non-porous or non pattern match goods. Use a carpet core or a 35-75 lb. roller to ensure transfer of adhesive to material. Coverage for direct glue down will vary due to carpet backings and substrate conditions. Approximately 18- 20 sq. yards per gallon.
2. When installing carpet using the Double Bond method, a 0.35" spray tip should be used while maintaining a 50% overlap spray pattern between the carpet and cushion. Use the "Wet" method of installation on all pattern match material. The "Tack Up" method should be used on non-pattern match goods. Coverage on Double Bond between carpet and cushion is 15-18 sq. yards per gallon. Never exceed 18 sq. yards per gallon. Safe-Set 607 Premium Spray Adhesive (Direct Glue, Double Bond, and VCT)
3. When installing the cushion to the substrate using the Double Bond method, a .023" or .035" spray tip should be used while maintaining a constant even spray pattern with 100% coverage to the substrate. The cushions backing and substrate conditions will dictate which size tip is best suited. Coverage - .023" spray tip 50-60 sq. yards per gallon; .035" spray tip 25-30 sq. yards per gallon. (To achieve releasable properties refer to Safe-Set 602).
4. Vinyl Composition Tile requires a .023" spray tip maintaining a constant even spray with 50% overlap to the spray pattern. Adhesive should dry transparent before installing tile. Approximately 350-400 sq. feet per gallon.

SPRAY ADHESIVES



**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. Store indoors only. Should adhesive freeze, thaw at room temperature and stir well before using.

**6. AVAILABILITY AND COST**

To locate a distributor in your area, please contact:

phone: 800-832-9002

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