



CHAPCO™

CHAPCO® Safe-Set® 231

Vinyl Plank & Luxury Vinyl Flooring Adhesive

PRODUCT DATA

1. PRODUCT NAME

CHAPCO® Safe-Set® 231 Vinyl Plank & Luxury Vinyl Flooring 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, assisted living facilities, etc.

Safe-Set 231 can be used to install vinyl tile and vinyl planks over porous floors. It exhibits quick grab, excellent moisture resistance and spreads easily. Not for use over non-porous floors.

Packaging

Four U.S. Gallon pail (15.14 L)
Product #70-4718-1369

Coverage

Approximately 125 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, 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 48 hours.
- Not for use over non-porous floors.
- The dimensional stability of some vinyl flooring products is very sensitive to fluctuations in ambient environment conditions. H.B. Fuller Construction Products Inc. is not responsible for installation issues caused by dimensional changes in flooring.

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® 231 Vinyl Plank & Luxury Vinyl Flooring Adhesive	
Base	Latex
Consistency	Medium Paste
Shelf Life	One Year, Unopened
Color	Cream
Weight per gallon	9.3 lbs
Open Time	20 Minutes
VOC	14 g/L Calculated

5. INSTALLATION INSTRUCTIONS

Preparation of Surfaces

Use on grade, above grade, or below grade (if floor covering is recommended for below grade installations). May be used over plywood, hardboard and concrete. Use a high quality latex/portland cement patching compound, such as CHAPCO® QDP™ Floor Patch & Leveler 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 (3 lbs./1000 SF/24 hrs). On and below grade concrete must have a satisfactory moisture barrier beneath the slab. Do not use Safe-Set 231 where moisture is present in the concrete subfloor; moisture may retard or prevent the adhesive from setting. May be used over old cutback adhesive residue provided that the old adhesive ridges or puddling is removed and floor is smooth.

Application Instructions

The adhesive, material and room should be maintained at a minimum temperature of 65°F for 48 hours prior to, during and after installation. Apply adhesive in small sections. Apply only that amount of adhesive that can be covered in 20 minutes (that open time will vary with temperature, humidity and porosity of subfloor). For best results let adhesive flash off before installing planks. Install before adhesive skins over or begins to dry. Position planks firmly in adhesive without sliding. Periodically lift section just laid to be certain of at least 90% of adhesive pattern has been transferred to back of planks. If adhesive begins to set-up or skin over, remove and re-apply fresh adhesive. Roll each section immediately upon completion with 100 lb. sectional roller. Re-roll entire floor after 1 hr. Restrict heavy foot traffic or rolling loads for at least 24 hrs.

Clean-up

Dried adhesive can be difficult to remove; take care to remove wet adhesive from the surface of the material before it dries. 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

RESILIENT ADHESIVES



7. LIMITED WARRANTY

The product(s) covered by this Product Data Sheet are sold subject to a Limited Warranty and related terms. **H.B. Fuller Construction Products disclaims the implied warranties of merchantability and fitness for a particular purpose and all incidental and consequential damages arising out of the sale, purchase or use of this product.** For Limited Warranty details visit chapco-adhesive.com. To obtain a hard copy of the Limited Warranty call H.B. Fuller Construction Products at 800-832-9023 or mail a written request to the address in Section 2 of this Product Data Sheet.

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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