



FREEDOMTUFF® PRODUCT INFORMATION BULLETIN

FREEDOMTUFF® 9700 CJ™ is a fast setting two-component 100 % solids polyurea non-moving joint filler. FreedomTuff® 9700 CJ™ is ideal to repair and protect joints in exposed concrete retail floor and warehouse floors from further deterioration. FreedomTuff® 9700 CJ™ chemistry permits a wide shave window as low as 15 minutes to 24 hours at 72°F (22°C). FreedomTuff® 9700 CJ™ has been formulated for unmatched substrate adhesion and chemical resistance.

ADVANTAGES

- ✦ Excellent abrasion resistance
- ✦ Resist constant forklift traffic
- ✦ 100 % Solids
- ✦ Moisture resistant
- ✦ High impact resistance
- ✦ Low Odor
- ✦ Meets SCAQMD Requirements
- ✦ Meets USDA, FDA & CFIA Criteria
- ✦ Minimal prep/Down time
- ✦ Quick Set Time
- ✦ Fast Return to Service
- ✦ Wide shave window
- ✦ USGBC LEED, EQ Credit 4.3: Low-emitting VOC Compliant Materials

PROFESSIONAL USE ONLY

Read and understand all the information contained in the Product Information Bulletin's, SDS's and product labels prior to starting any project. Nothing contained in any of Freedom® Chemical Corporation's materials relieves the end user of the obligation to read and follow the warnings and instructions for each of Freedom® Chemical Corporation's products.

RECOMMENDED USES

FreedomTuff® 9700 CJ™ is suitable for concrete slabs in retail or warehouse floors to fill and protect exposed joints. FreedomTuff® 9700 CJ™ can also be used for filling random cracks in concrete slabs.

FreedomTuff® 9700 CJ™ **is not** designed for exterior use due to potential for excessive thermal movement.

SURFACE PREPARATION

Failures can be attributed to poor preparation. Area must be clean, dry, and sound and give enough profile to obtain adequate product adhesion. Remove all dust and dirt from the concrete pores, and salts, efflorescence, oil, form release agents, curing compounds, and other foreign matter, prior to installation.

Recommended surface preparation is with a dry diamond wheel or wire brush.

COLOR

Available in 6 popular colors with color matching available with minimum order size.

PACKAGING

300 ml X 300 ml (600 ml) dual cartridges

10 Gallon Kit – 5 gallons Part-A (18.9 liters) 5 gallons Part-B (18.9 liters)

MIXING/APPLICATION

Do not dilute under any circumstances.

Keep repair material at room temperature. Mix at a one to one ratio, part A and B.

FreedomTuff® 9700 CJ™ must be dispensed with a dual-feed power dispensing equipment or with pre-filled, dual-dispense cartridge kits.

SPECIFICATION AND FIELD ASSISTANCE

Contact Freedom® Chemical Corporation for assistance.

Jobsite visits by Freedom® Chemical Corporation's employees or its independent agents are solely for determining qualification for warranty.

MAINTENANCE

Recommend maintenance program consist on frequent and through cleaning utilizing a neutral pH cleaner (e.g. Simple Green®). Frequency of washing will vary depending on floor usage type, traffic and age.

CLEAN UP

Use Xylene, MEK or Denatured Alcohol

DISPOSAL

All spilled material, unused contents, empty containers and secondary containment spills/leaks must be cleaned up and disposed of in accordance with local, state and federal regulations.

PRODUCT INFORMATION

See Product Information Bulletins for substrate preparation, packaging, coverage rates, primer, mixing and application information for each product selected.

STORAGE

FreedomTuff® 9700 CJ™ has a shelf life of 1 year from the date of manufacture, in factory-sealed containers.

Storage temperature for is between 40°F - 100°F (4°C - 38°C), store in a covered area (out of the sun) avoid direct sunlight and freezing temperatures.

Do not open until ready to use and keep containers sealed tightly

LIMITATIONS

The end user should check the suitability of this product and the substrate prior to its application.

Freedom® Chemical Corporation assumes no liability for substrate defects.

Substrates that have previously been coated are subject to absorption, which may affect the adhesion.

FreedomTuff® 9700 CJ™ is ideal for use with FreedomTuff® -9500QF when spall repair or edge re-building is required.

TESTING

Substrate adhesion test should be performed seven days after application. All testing should be performed by a qualified testing agency. Freedom® Chemical Corporation is not responsible for testing.



FREEDOMTUFF® 9700 CJ™ TYPICAL PROPERTIES

MIX RATIO BY VOLUME	N/A	1:1
HARDNESS: SHORE A	ASTM D-2240	80 - 83 Shore A
TENSILE STRENGTH	ASTM D-412	600 - 900 PSI
SOLIDS	ASTM D-2697	100%
ELONGATION	ASTM S-412	150 - 200%
TACK FREE TIME	N/A	3 – 5 MINUTES @72°F
FULL TRAFFIC	N/A	≤60 MINUTES @72°F
VISCOISITY PART A	BROOKFIELD	2000 CPS ± 300
VISCOSITY PART B	BROOKFIELD	1500 CPS ± 300

COVERAGE CHART

Joint Size (US)	LF/Gal	Joint Size (Metric)	M/Gal
1/8" x 1-1/2"	100	3 x 38	30
1/8" x 1-3/4"	85	3 x 44	26
1/8" x 2"	75	3 x 50	23
3/16" x 3/4"	135	5 x 19	41
3/16" x 1"	100	5 x 25	30
3/16" x 1-1/4"	85	5 x 31	26
3/16" x 1-1/2"	70	5x 38	21
3/16" x 1-3/4"	60	5 x 44	18
3/16" x 2"	50	5 x 50	15
1/4" x 1"	80	6 x 25	24
1/4" x 1-1/4"	60	6 x 31	18
1/4" x 1-1/2"	50	6 x 44	14
1/4" x 1-3/4"	45	6 x 50	12
1/4" x 2"	40	9 x 25	15

Incredible Stuff, Exceptional Service, And Friendly People™

Read all the information in this product information bulletin, and material safety data sheet (MSDS) before applying for any material. The information contained herein is for the purpose of identifying the product and does not constitute a warranty that the product will conform to this description. Product specifications and performance will vary depending on application methodologies, raw materials and other factors. Product information bulletins, recommendations, statements, and information contained herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy themselves, by their own information and tests, to determine suitability of the product for their own intended use, application and job situation and the user assumes all risk and liability resulting from their own use of the product. We do not suggest or guarantee that any hazards listed herein are the only ones that may exist. Neither seller nor manufacturer shall be liable to the buyer or any third party for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether verbal or in writing, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of Freedom® Chemical Corporation. Typical properties and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Performance results were obtained in a controlled environment and Freedom® Chemical Corporation makes no claim that these tests or any other tests accurately represent all environments. Products manufactured by Freedom® Chemical Corporation are free of defects for a period of one (1) year, liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the materials in question. † Freedom® Chemical and FreedomTuff® are trademarks registered in the US Patent and Trademark Office. ‡ The marks of Freedom® Chemical Corporation, its divisions, slogans, emblems, other marks appearing in this document are the trademarks and/or service marks of Freedom® Chemical Corporation, its subsidiaries, affiliates or licensors Copyright© March 2015 Freedom® Chemical Corporation. All Rights Reserved. All published information is subject to change without notice.