

PRODUCT DESCRIPTION

FT-9001-NS is a two-component, polysulfide-based, non-sag joint sealant.

USES

- Swimming pool decks with expected movement

ADVANTAGES

- Not affected by typical pool chemicals
- Retains flexibility under exposure to UV radiation

COLOR

White

Custom colors available upon request subject to minimum order quantities. Contact Freedom Chemical Corporation for additional information.

TYPICAL PHYSICAL PROPERTIES

Property	Value
Pot Life @ 68°F	1 hour
Tack Free Time @ 68°F	4 hours
Shore Hardness	20A
Tensile Strength	125-250 psi
Elongation	400%

The values stated in this Product Data Sheet are based on system processing under controlled laboratory conditions. Equipment configuration and/or field application conditions may produce variances in the installed product values

SURFACE PREPARATION

Remove all foreign objects, substances, and any free-standing water from joint opening. To ensure proper adhesion, joint openings must be clean and dry. Remove all dust, dirt, debris, laitance, and other contaminants prior to application. Concrete should be fully cured and free from all curing agents. To ensure cleanliness around the joint, install masking tape approximately 2 inches wide to the surfaces adjacent to either side of the joint opening before installing FT-9001-NS.

PRIMING

FT-9001-NS will adhere to unprimed concrete.

MIXING & APPLICATION

FT-9001-NS is supplied in pre-measured containers with a ratio of base to setting agent that must be maintained. Do not mix partial containers. Do not mix until ready to use. Material cannot be re-sealed for later use.

1. Mix the base component and setting agent component in their respective containers using a wooden paddle or slow speed drill and flat blade paddle attachment.
2. Pour setting agent into base and mix slowly.
3. Scrape material from sides and bottom until mixture is a uniform color.
4. Continue mixing for a minimum of ten (10) minutes. Take care to avoid trapping air in mixture.
5. At 77°F and 30% relative humidity, the pot life of the material is approximately one (1) hour.
6. Apply thoroughly mixed material through supplied 24-ounce applicator squeeze bottle, caulking gun, or other suitable application method. Remove masking tape from both sides of joint before material begins to set.
7. Material will fully cure (firm set and rubbery consistency) within 24 hours at 77°F. Curing time will be extended at lower temperatures.

PACKAGING

1.75-gallon kit

CLEAN UP

User is responsible for reading, understanding, and following all recommendations on SDS. Dispose of all packaging and containers in accordance with local, state, and federal laws and regulations. Excess liquid materials should be mixed and allowed to cure. Once cured, dispose of cured material in accordance with local, state, and federal laws and regulations.

LIMITATIONS

Care shall be taken when applying Freedom Chemical Corporation products over substrates containing trapped moisture and/or where moisture vapor drive is present (i.e., metal pan decks, split slab membranes, etc.). Refer to Installation Procedure document(s) for substrate treatment prior to placement of any coatings.

Excess moisture vapor in concrete slabs may cause polyurea coating to delaminate, discolor, and/or cure improperly.

SHELF LIFE & STORAGE

Shelf life is one (1) year from the date of manufacture in original, unopened, factory-sealed containers under specified storage conditions.

Shipping and storage temperatures is 65°F to 80°F at (or below) 50% Relative Humidity. Avoid freezing temperatures. Do not store containers directly on ground. Always store on pallets or otherwise elevated.

Do not open containers until ready to use. Partially filled containers should be purged of air using nitrogen blanketing and sealed tightly when not in use.

COVERAGE CHART

Joint Size (<i>Width x Depth</i>)	LF/1-gal kit
1/4" x 1/4"	231 LF
1/4" x 3/8"	154 LF
1/4" x 1/2"	106 LF
1/4" x 5/8"	92 LF
1/4" x 3/4"	77 LF
1/4" x 7/8"	66 LF
1/4" x 1"	58 LF
3/8" x 3/8"	102 LF
3/8" x 1/2"	77 LF
3/8" x 5/8"	62 LF
3/8" x 3/4"	51
3/8" x 7/8"	44 LF
3/8" x 1"	38 LF
1/2" x 1/2"	58 LF
1/2" x 5/8"	46 LF
1/2" x 3/4"	38 LF
1/2" x 7/8"	33 LF
1/2" x 1"	29 LF
5/8" x 5/8"	37 LF
5/8" x 3/4"	31 LF
5/8" x 7/8"	26 LF
5/8" x 1"	23 LF
3/4" x 3/4"	26 LF
3/4" x 7/8"	22 LF
3/4" x 1"	19 LF

FREEDOMTUFF™ FT-9001-NS



Chemical® Corporation

Joint Size (<i>Width x Depth</i>)	LF/1-gal kit
7/8" x 7/8"	19 LF
7/8" x 1"	17 LF
1" x 1"	14 LF