



# FOAM & FILL Subfloor Construction Adhesive

Red Devil® Subfloor Construction Adhesive is a one-component, moisture-cured, polyurethane foam specially formulated for easy subfloor installation. This collapsing foam gel adhesive forms a high-strength bond and fills voids between subflooring, joists, trusses, and decking.

## USES:

Used for bonding structural subfloor panels, floor joists, trusses and other floor sheathing. It helps prevent movement which can lead to floor squeaks, nail pops, and a springy floor boards.

## FEATURES:

- Adheres to dry, wet, and frozen lumber
- Reduces nail pops and squeaks
- Extreme bonding strength
- High yield coverage
- Provides thermal and sound insulation
- Helps bridge gaps in irregular surfaces
- Quick & easy application

## ADHERES TO:

- Wood
- Plywood
- Particle Board
- OSB
- Concrete
- Masonry
- Metal
- Steel
- Fiberglass
- & More



**COLLAPSING FOAM  
GEL FORMULA**



**REDUCES NAIL  
POPS & SQUEAKS**



[www.reddevil.com](http://www.reddevil.com)  
Customer Service: 1-800-423-3845

Red Devil, Inc.  
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Pryor, OK 74361

# TECHNICAL DATA SHEET

## Subfloor Construction Adhesive Gun Foam

PART#	COLOR	PACKAGE	UPC #	CASE QTY.
0923	Champagne	24 oz. Gun Canister	0-75339-02621-2	12

### PHYSICAL & CHEMICAL PROPERTIES:

**Base:** Single Component Polyurethane

**Consistency:** Collapsable Gel Adhesive

**Curing System:** Moisture Cure

**Tack-Free Time:** 5 - 8 minutes

**Full Cure-Time:** 24 hours

**Post Expansion:** Minimal

**Metric Yield:** Approx. 400 feet in (0.5 in.) bead

**Shelf Life:** 12 months in unopened package

**Fire Class of Cured Foam:** B3 (DIN 4102-1)(EN 13501-1)

**Shear Strength:** Approx. 1700 psi (12 MPa)

**Temperature Resistance:** -40°F to 194°F (-40°C to 90°C)

**Application Temperature:** 41°F to 86°F (5°C to 30°C)

### STORAGE/RESTRICTIONS:

- Storage above 86°F and Below 41°F shortens shelf life.
- Should be stored and transported in vertical position.
- Should be kept in room temperature for at least 12 hours before application.
- Lower temperatures decreases yield and cure time.

CRITERIA	STATUS
CARB Compliance	Yes (Currently Exempt)
Prop 65 Ingredients	None
DOT Proper Shipping Name	Aerosols Flammable
AIR OR OCEAN EXPORT/DOT	AEROSOLS, class 2.1, UN 1950
VOC Content	< 154 g/L

### LIMITED WARRANTY:

Recommendations for use of this product are based on tests we believe to be reliable. Manufacturer and seller are not responsible for results where this product is used under conditions beyond our control. If when applied as directed, this material peels, cracks or separates, it will be replaced without charge upon presentation of proof of purchase and used cartridge. This limited warranty applies only to residential use and damages including consequential damage and other remedies are excluded. No other warranties apply, including fitness for a particular purpose.

### APPLICATION PREPARATION:

- Shut off all gas pilot lights, electrical igniters, burners, and other sources of ignition and heat before and during use, as this product is FLAMMABLE during dispensing. Surface should be clean, dry, & free of contaminants for maximum adhesion.
- Wear protective gloves and protective eyewear.

### APPLICATION GUIDELINES:

Clean the surface of oil, dirt, and debris. Shake the can vigorously for at least one minute before use. Make sure the gun's regulator knob is in the closed position. Screw the threaded end of the can into the dispensing gun basket until tight, do not over-tighten. Test for desired bead size by adjusting the gun regulator knob and dispensing foam onto disposable material. Position the canister upside-down and dispense a uniform 9-12mm bead on the center of all floor joints. Dispense a 12mm zig-zag bead where two panels butt together. Let adhesive flatten for 3 minutes before attaching subflooring. Apply at temperatures 41°F-86°F for optimal yield and cure time. Press the subflooring into place and mechanically fasten each panel to the floor joist within 10 minutes of application. Do not pull apart subflooring once it is set in place. If the canister is only partially used, leave it attached to the applicator gun to restart the product within approximately 30 days.

**CLEAN-UP:** Uncured foam - clean immediately with Red Devil® Gun Cleaner. Cured foam – must be removed mechanically. Immediately use an industrial hand cleaner to remove uncured foam from skin.

\* When applied at 1/2" diameter bead, Foam & Fill® Subfloor Construction Adhesive yields approximately 400 linear feet. This is equal to the linear yield of approx. 10 quart size(28oz) cartridges of conventional subfloor adhesive caulk applied at a 3/8" diameter bead.

**CAUTION: CONTAINS HARMFUL CHEMICALS THAT MAY IRRITATE EYES, SKIN & RESPIRATORY TRACT. NOT FOR INTERNAL CONSUMPTION. KEEP OUT OF REACH OF CHILDREN & PETS. (See SDS for additional safety information)**