



# Red Devil

# FOAM & FILL

## TECHNICAL DATA SHEET

### WINDOW & DOOR POLYURETHANE FOAM / GUN FOAM SEALANT

#### DESCRIPTION

Window & Door Expanding Polyurethane Foam / Gun Foam Sealant is specifically formulated for filling, insulating & sealing around windows & doors. Formulated to meet the requirements of the professional, commercial, industrial, and residential contractor.

#### PACKAGED AS

PART #	PACKAGE	COLOR	UPC
0914	12oz. Can	Pale Yellow	075339013090
0924	20oz. GCan	Pale Yellow	075339021439

#### KEY FEATURES

- AAMA verified/certified component for use in Window and Door installation – AAMA 812-19
- Low pressure and low expansion formula that fills gaps w/o Wrapping, bending or bowing window and door frames during installation
- Remains flexible after cure
- Repels moisture, seals against air penetration and provides high, long term insulation value – increases energy efficiency
- Pale yellow color
- When gun foam dispenser is in use, bead size is controlled by flow control knob.

#### CLEAN UP

Uncured Foam – Clean immediately with Red Devil Gun Foam Cleaner. Cured Foam – cannot be removed with solvents. If foam hardens on skin, use an industrial hand cleaner with pumice. Repeat if necessary. Foam that cannot be removed will wear off in time.

#### ENVIRONMENTAL, SAFETY & TRANSPORTATION

May irritate eyes, skin & respiratory tract. Wear gloves, protective clothing & goggles if contact likely. SEE MSDS or SDS FOR ADDITIONAL INFORMATION. CAUTION: Contains MDI Monomer Polyurethane Resin and Propane/Isobutane. If burned, dried foam may release hazardous decomposition products. IMDG (maritime transport) Haz Class 2.1, EMS = F – D, S – U. ADR (transport by road), RID (transport by rail), ADIR (transport by inland waterways) = Class 2, Code 5F, Danger Label Packages 2.1. ICAO (air transport) Class 2.1 (Flammable Gas). FOAM CURRENTLY EXEMPT & SUITABLE FOR SALE IN CALIFORNIA, OTC & LADCO STATES, AS OF THIS DATE. ECCN Number: EAR99.

CRITERIA	STATUS
CARB Compliance	Yes (Currently Exempt)
Prop 65 Ingredients	None
DOT Proper Shipping Name	Consumer commodity
AIR OR OCEAN EXPORT	AEROSOLS, class 2.1, UN 1950
DOT UN/NA Number	N/A
Packing Group	N/A
VOC Content	2 g/L
AAMA Verified/Certified	Yes

#### USES

Used for a wide range of interior/exterior sealing and insulating applications such as insulating of doors and window frames. Sealing of gaps, joints and cavities. Filling penetrations in walls. Insulating electrical outlets and water pipes. Bonds to vinyl, metal, wood and composite areas.

#### DIRECTIONS

- Follow label directions, wear protective gloves and Protective eyewear. Read all directions and cautions before use.
- Shake can vigorously for at least one minute before use.
- 12 oz. Screw trigger/nozzle assembly to valve.
- 24 oz. Screw dispensing gun onto unit until tight, do not over tighten. Test on a cloth or scrap paper first.
- Dispense in the upside down position. Bead size can be adjusted with gun flow control knob.

#### 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.

#### FOR BEST RESULTS

- Surface must be clean, dry and free of all outside material for adhesion.
- Shake can vigorously for at least 1 minute before using.
- Dispense product with cannister in **UPSIDE-DOWN** position.
- Apply when temperature is above 41°F and below 86°F. (Extrusion in lower temperatures will be slow and product curing may be effected).

#### 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 container. This limited warranty only applies to residential use and damages including consequential damage and other remedies are excluded. No other warranties apply, including fitness for a particular purpose. **CAUTION: NOT FOR INTERNAL CONSUMPTION. KEEP OUT OF REACH OF CHILDREN & PETS.** Contents under pressure. Do not puncture or incinerate. If burned, dried foam may release hazardous decomposition products. Keep from freezing. Cans may burst if left in closed area, such as a motor vehicle. Ventilate work area with moving fresh air. Vapors heavier than air may cause dizziness or headache. Dried foam may be combustible if exposed to flame or temperatures above 240°F. (See MSDS for additional information) Do not store in direct sunlight or at temperatures exceeding 120° F.



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#### LIMITATIONS

- Can be used on virtually all, clean surfaces EXCEPT Teflon, Silicone and Polyethylene.
- Not recommended for filling enclosed cavities. Do not use between walls or under tub surrounds as expansion may alter dimensions.
- Do not expose to rain or excessive moisture for 6 hours.
- Do not apply to surfaces with excessive Moisture content.
- Flammable during dispensing.

#### ACCESSORIES

- 0921 - Red Devil Foam & Fill Gun Foam/Foam Cleaner
- 3970 - Red Devil Foam & Fill Gun Foam Dispenser



PHYSICAL/ PERFORMANCE PROPERTY	TEST METHOD	TYPICAL RESULT
Closed Cell Content	Test Lab	Up to 50%
Color	Visual Observation	Pale Yellow
Odor	Subjective	Mild (Use w/ adequate vent.) – Odorless when cured
Tack-free time (TT--S--1543A)	Test Lab	6 +/- 2 minutes
Fully Cured 1"	Test Lab	≤ 60 minutes
Expansion	Test Lab	24 oz. can: Approx. 1.2 cu. Ft.
Application Temperature	Test Lab	41°F to 86°F (5°C to 30°C)
Linear Footage (1/2" Foam Bead)	Test Lab	24 oz. can: Approx. 930 linear feet
Cutting Time	Test Lab	20 - 45 minutes
Fully Cured	Test Lab	24 hours (Initial cure ~ 6 hrs)
Paint Over Time (Latex and Oil Based)	Test Lab	When fully cured
Weathering	Test Lab	Must be protected w/ premium quality paint when used in Sunlight or UV light
R--Value	Test Lab	4--5 per inch
Service Temperature	Test Lab	--76°F to 212°F (--60°C to 100°C)
Shrinkage	Test Lab	< 4% after first 24 hrs
Water Absorption	Test Lab	1% after first 24 hrs, then waterproof
Clean--up Solvent (Before cured)	Test Lab	Use Red Devil Gun Cleaner (if done immediately) Cured foam can not be removed with solvents. If foam hardens on skin, use industrial hand cleaner or petroleum jelly, leaving on for 1 hr. Foam can eventually be removed from skin w/ repeated effort and is not harmful to health
Shelf Life	Test Lab	15 months (unopened at 77°F (25°C))
Storage	Test Lab	Store in cool, dry area. Store in upright position at temperatures above freezing. Avoid temps above 100°F.