

## LOW EXPANSION FOAM Professional Grade

### DIRECTIONS

*Read all directions and cautions before use.*

*For additional information, see package label or MSDS.*

#### • SURFACE PREP:

Surface should be free of dirt, oil, grease and excess moisture.

• **SET-UP:** Attach applicator gun to can (do not overtighten), then shake well for 30 seconds.

• **APPLICATION:** Dispense foam with can upside down, testing bead size on scrap material first. Fill area about 50% full, leaving room for foam to expand. Note: To improve curing in arid regions, spray a light water mist into the cavity before applying foam.

• **STORE UPRIGHT (50°-100°F) (10°-38°C)**

• **FOAM BONDS TO SKIN QUICKLY.** Wear gloves, eye protection and work clothes; use drop cloths.

• **FOR BEST RESULTS** use in temperatures 60° - 100° F (16°-38°C) (50% relative humidity).

• **FINISH:** Foam will be tack-free in about 10 minutes (50% RH). Excess can be trimmed in about 30 minutes. Cover or paint foam surfaces exposed to direct sunlight.

• **CAN CHANGEOVER:** Once started, do not remove gun until can is empty; then purge gun and remove can. Clean gun thoroughly with acetone or polyurethane foam cleaner. Do not allow foam to harden in gun.



### TECHNICAL DATA

- Density: (ASTM D-1622)  
1.2-1.8 lbs./cu. ft. (19.2-28.8 kg/m<sup>3</sup>)
- Percent Closed Cell Content: (ASTM D-2856) 77%
- Thermal Resistance: (ASTM C-518)  
R-value 4.5 per inch thickness
- Maximum Service Temperature of Cured Foam: 240° F (116° C)
- Compressive Strength: (ASTM D-1621) 11 psi  
26 psi (179.2 kPa)
- Tensile Strength: (ASTM D-1623)  
18 psi (124.1 kPa)
- Shear Strength: (ASTM C-273)  
18 psi (124.1 kPa)
- Shear Strain: (ASTM C-273)  
38 psi (262.0 kPa)
- Percent Elongation at Break: 12%
- Shelf Life: 18 months
- Contains no CFC's, no HCFC's

#### YIELD ESTIMATE TABLE

Size(Volume)	Bead Diameter	Linear Feet
24 oz. can	1/4"(6.35mm)	3200(975.4m)
710 mL	3/8"(9.53mm)	1420(432.8m)

ASTM C-1536



**CAUTION:** Contains Polymeric MDI, Polyurethane Resin & Propane / Isobutane. Cured foam exposed to temperatures in excess of 240°F (116°C) may release hazardous decomposition products. Keep away from heat, sparks, flames and static electricity. Turn off sources of ignition (pilot light, etc.). Ventilate work area with moving, fresh air. Vapors heavier than air may cause flash fire or ignite explosively. Do not puncture, expose to heat or store at temperatures above 120°F (49°C). Do not leave in auto. Wear protective gloves, safety glasses, work clothes.

**FIRST AID TREATMENT - SKIN CONTACT:** DO NOT RINSE WITH WATER (water helps curing). If foam is wet: remove immediately with acetone or polyurethane foam cleaner. After removal, wash with soap and water. If foam has dried: it is very difficult to remove. Do not try to remove with solvents. Cured foam wears off and is not harmful to health. **EYE CONTACT:** Flush with water for 15 minutes and get immediate medical attention. **INHALATION:** Overexposure to vapors may cause dizziness or headache – move to fresh air. Consult physician if needed. **INGESTION:** Get immediate medical attention.

KEEP OUT OF REACH OF CHILDREN.



**UNDERWRITERS LABORATORIES INC.**  
**CLASSIFIED CAULKING AND SEALANTS**  
Surface Burning Characteristics  
Applied To Inorganic Reinforced Cement Board\*

**Flame Spread 15 Smoke Developed 25**

\*Tested as applied in three 3/4 in. (19mm) diameter beads, 5 (127mm) inches on center, covering 12.5% of the exposed test sample area. The material is packaged under pressure. Investigation did not include evaluation of either the pressurized containers or the material prior to dispensing.

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MSDS and poison control information available upon request or online at [www.nudura.com](http://www.nudura.com).