

TECHNICAL DATA

MONO[®]

MONO[®] WINDOW & DOOR INSULATING FOAM SEALANT

Revised: 3/12/10

MONO[®] Window and Door Insulating Foam Sealant

- Fills cracks and gaps
- Insulates and seals
- Stops drafts
- Softer expansion to prevent doors and windows from binding
- Waterproof

Packaging: 340g can
Color: Gray
MONO Product Code: 0 63213 00929 1
DAP UPC: 0 70798 75929 9
MONO Model: 890520538

Company Identification:

Manufactured For: DAP Canada, 475 Finchdene Square, Unit 5, Scarborough, ON M1X 1B7
Usage Information: Call 1-888-327-8477 or visit monosealants.ca
Order Information: 416-321-1522
Fax Number: 416-321-3325

Product Description:

MONO[®] Window and Door Insulating Foam Sealant is a one-part, moisture-curing polyurethane foam for filling cracks and gaps around window and door frames. Softer expansion prevents windows and doors from binding. Insulates, seals and stops drafts.

Suggested Uses:

- Sealing around windows and doors
- Combat home energy loss
- It has been specifically formulated for window and door applications and retro-fit applications due to its low pressure build while curing.
- Its closed cell properties improve moisture resistance and form a superior air seal.
- **Not recommended for use in filling enclosed cavities (between walls or under tub surrounds)**
- **May cause jambs or sills to buckle.**
- **Cured foam must be painted or coated for outdoor applications.**
- *If stored in a cool, dry area, may be used for up to 2 weeks from initial use.

Performance Characteristics:

- MONO[®] Window and Door Insulating Foam Sealant is formulated to expand minimally to fill and seal around windows and doors.
- Tack free in 5 minutes. Can be cut in 1 hour. Fully cured in 24 hours. (Cure times vary based on bead size, temperature and humidity.)
- UL Classified – file #R-13919 Caulking and Sealants Surface Burning Characteristics Applied to Inorganic Reinforced Cement Board:
 - Flame Spread 5
 - Smoke Developed 10

Surface Preparation & Application:

1. Wear safety glasses with side shields and protective gloves. Use in well-ventilated areas. All areas not to be foamed should be covered with masking tape or dropcloths.
2. Clean and remove grease, dirt and debris from application area.
3. Apply at temperatures between 18°C and 26°C (64°F and 79°F).
4. Shake can vigorously before and occasionally during use.
5. Remove cap.
6. Screw nozzle adapter clockwise on to can valve until snug. Do not apply pressure or force when attaching adapter.
7. Moisten substrate for filling cavities greater than 7.62 cm (3”) diameter.
8. To apply product, hold can upside down, place the applicator tube into the gap or hole to be filled and gently press nozzle. As product dispenses, can may be turned right side up. Dispense foam into lower part of cavity first and fill to only 40% to leave room for expansion. **DO NOT DISTURB THE FRESHLY DISPENSED FOAM.**
9. Release the trigger nozzle about 5 seconds before you want the flow of foam to stop. Fill in only about 40% of the cavity to allow foam to expand.
10. Familiarize yourself with the foam by practicing on newspapers. Gauge expansion by allowing test bead to expand for 60 minutes.
11. **Cured foam exposed to sunlight must be coated with paint or other coating.**
12. *If stored in a cool, dry area, may be used for up to 2 weeks from initial use. If storing to re-use, leave nozzle on valve. When ready to re-use, cut off one inch of nozzle tip and re-shake the can for 1 minute.

Physical & Chemical Characteristics:

Tack-Free Time:	5 minutes
Paintable:	Exterior applications must be painted to protect from U.V. rays.
Odor:	Slight fluorocarbon odor during curing stage
Consistency:	Foam (Cures to a semi-rigid consistency)
Vehicle:	Isocyanate Prepolymer
Propellant:	134a
Propellant Flash Point:	Non-Flammable
Flash Point:	800°F (426.6°C)
Foam Core Density:	23 kg/m ³ (1.44 lbs/ft ³)
Specific Gravity:	1.2
Insulation Rating (R-value):	4-5 per inch of cured foam
Temperature Service Range:	-129°C to 116°C (-200°F to 240°F)
Temperature Application Range (optimal):	18 to 38°C (65 to 100°F)
Temperature Application Range (limits):	4 to 46°C (40 to 115°F)
Insulation Rating:	R4-5 per inch
Shelf Life:	12 months
Coverage:	One 340 g (12 oz.) can theoretically yields 72 metres at a 12.7 mm bead (235 lineal feet at ½” bead)
MSDS No:	00042455604

Clean Up:

Uncured foam can be cleaned up with paint thinner or acetone. Cured foam cannot be removed with solvents. Excess cured foam can be removed by trimming with a sharp knife. DO NOT use acetone or other solvents to remove product from skin. SKIN CONTACT: Wipe excess uncured foam off with a paper towel immediately. Wash remaining uncured foam immediately with soap and water. Remaining uncured residue can be removed with petroleum jelly or baby oil. For cured foam, soak in warm soapy water, then apply petroleum jelly. Cured foam will wear off in time.

Safety:

See product label and Material Safety Data Sheet (MSDS) for safety information. You can request an MSDS by visiting our website at monosealants.ca or by calling 416-321-1522.

Satisfaction Guaranteed:

If not satisfied with product performance when used as directed within one year of purchase, DAP Canada will replace this product or refund your purchase price. Call 416-321-1522 with your sales receipt and product container available to arrange for warranty fulfillment. DAP Canada and its affiliates will not be liable for any incidental or consequential damages under any circumstances.