



Technical Bulletin

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MONO[®] Low Pressure Insulating Foam Sealant

- **Fills cracks & gaps around window and door frames**
- **Low pressure formula prevents window & door frames from binding**
- **High insulating value saves energy**
- **Airtight seal stops drafts**
- **Durable waterproof seal**
- **Indoor/Outdoor use**

Packaging: 340g, 454g
Color: Creamy Yellow
UPC Number: 7079875929, 7079875438

Company Identification:

Manufactured For: DAP Canada, 475 Finchdene Square, Unit 5, Scarborough, Ontario M1X 1B7.
Usage Information: Call 1-888-DAP-TIPS or visit dap.com & click on DAP Tips[®] then "Ask the Expert".
Order Information: 800-668-9397
Fax Number: 416-321-3325

Product Description:

MONO[®] Low Pressure Insulating Foam Sealant is a one-component, moisture cure, polyurethane insulating foam specifically formulated for filling cracks & gaps around window & door frames. The low pressure formula prevents window & door frames from binding or bowing while forming a permanent, airtight & waterproof seal to most common building materials. Cured foam can be sanded, painted or stained.

Suggested Uses:

MONO[®] Low Pressure Insulating Foam Sealant is ideal for interior or exterior window & door frames or retro-fit applications.

NOT RECOMMENDED FOR USE IN FILLING ENCLOSED CAVITIES (BETWEEN WALLS OR UNDER TUB SURROUNDS). Cured foam must be painted or stained for outdoor applications.

Performance Characteristics:

- Tack free in under 10 minutes. Can be cut in 1 hour. Fully cured in 24 hours. (Cure times vary based on bead size, temperature and humidity.)
- UL/ULC Classified – file #R-13919 Caulking and Sealants Surface Burning Characteristics Applied to Inorganic Reinforced Cement Board:
 - Flame Spread 15
 - Smoke Developed 20
- NFPA 30B Classification: Level 2 Aerosol

SAFETY FIRST! PRODUCT IS EXTREMELY FLAMMABLE WHEN DISPENSING. Before using, read & understand all health & safety information/product use instructions found below.

Surface Preparation & Application:

1. Wear safety glasses with side shields and protective gloves. Use in well-ventilated areas. Extinguish all ignition sources during use and cure. 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. For best results, apply between 5°C to 30°C. Application not recommended below 5°C.
4. Screw trigger nozzle onto valve, being careful not to actuate valve. Shake can for 1 minute before use and occasionally during use.
5. Familiarize yourself with the foam by practicing on newspaper. Gauge expansion by allowing test bead to expand for 60 minutes.
6. With valve end of can down (i.e., with base of can upright during use), pull trigger slowly to dispense foam. Dispense foam into lower part of cavity first and fill to only 50% to leave room for expansion. **DO NOT DISTURB FRESHLY DISPENSED FOAM.**
7. Cured foam exposed to sunlight must be coated with paint or stain.

Typical Physical & Chemical Characteristics:

Colour:	Creamy Yellow
Consistency:	Foam (Cures to a semi-rigid consistency)
Vehicle:	Isocyanate Prepolymer
Propellant Flash Point:	0°C
Propellant:	Hydrocarbon
Foam Core Density:	1.25 – 1.56 lbs/ft ³
Shelf Life:	18 months
Service Temperature:	-60°C to 100°C
Specific Gravity:	1.3
Application Temperature:	5°C- 30°C
Insulation Rating:	R 5.0 per inch
Coverage:	One 340g can theoretically yields 134 metres at 12.5mm bead. One 454g can theoretically yields 190 metres at 12.5mm bead.
SDS Number:	00042455604

Clean Up:

Uncured foam can be cleaned up with paint thinner or acetone. 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:

EXTREME DANGER. VERY FLAMMABLE. CONTENTS UNDER PRESSURE. IRRITANT. CONTAINER MAY EXPLODE IF HEATED. FUMES MAY CATCH FIRE. FUMES MAY BE HARMFUL. MAY IRRITATE EYES AND SKIN. Do not smoke. Do not puncture. Do not burn. Do not expose to heat above 49°C. Do not keep can in direct sunlight or high temperature areas, such as automobiles. Do not breathe fumes. Do not get in eyes or on skin or clothing. Do not swallow. Keep out of reach of children. May cause respiratory tract irritation or allergic skin reaction. May cause sensitization by inhalation or skin contact. Individuals with lung or breathing problems such as asthma or prior reaction to isocyanates must not be exposed to vapor or spray mist. May affect the brain or nervous system causing dizziness, headache or nausea. Cured product is combustible and may present a fire hazard if exposed to flame or temperatures above 115°C. Use only in a well-ventilated area. Keep away from flames, such as a pilot light, and any object that sparks, such as an electric motor. Store away from heat. Wear safety glasses with side shields and rubber gloves. See Safety Data Sheet (SDS) for additional information. For an SDS contact your supplier or visit dap.com.

FIRST AID TREATMENT: Contains: 4,4'-MDI monomer, tris(1-chloro-2-phosphate)phosphate and hydrocarbon propellant. If swallowed, call a Poison Control Centre or doctor immediately. Do not induce vomiting. If in eyes or on skin, wipe excess uncured product off with a paper towel immediately and rinse well with warm, soapy water. Remaining uncured residue on skin can be removed with petroleum jelly or baby oil. For cured product, soak in warm soapy water, then apply petroleum jelly. Cured product will wear off in time. DO NOT use solvents to remove product from skin. If on clothes, remove clothes. If breathed in, move person into fresh air. Call your poison control center immediately if complications arise from any exposure.

Satisfaction Guaranteed:

If product fails to perform within one year of purchase when used as directed, DAP Products Inc. will, at its discretion, either provide a replacement product or a sales price refund. Call 888-327-8477 with your sales receipt and product container available to arrange for warranty fulfillment. Neither DAP Canada, DAP Products Inc. or their respective affiliates will be liable for any incidental or consequential damages under any circumstances.