



# Technical Bulletin

2400 Boston Street, Suite 200, Baltimore, Maryland 21224

Phone: 410-675-2100 or 800-543-3840

Revised: 07/17/2015

## MONO<sup>®</sup> Large Gap Insulating Foam Sealant

- Specially engineered to economically fill large openings & penetrations
- Maximum expansion formula fills non-linear and hard-to-reach voids
- Airtight & water-resistant bond to most common construction materials.
- Minimizes drafts & pest infiltration
- Indoor/Outdoor use

**Packaging:** 340g, 454g, 680g  
**Colour:** Creamy Yellow  
**UPC Number:** 7079875432, 7079875434, 7079875436

### 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](http://dap.com) & click on DAP Tips<sup>®</sup> then "Ask the Expert".  
Order Information: 800-668-9397  
Fax Number: 416-321-3325

### Product Description:

MONO<sup>®</sup> Large Gap Insulating Foam Sealant is a one-component, moisture cure, polyurethane insulating foam that provides maximum expansion to economically fill larger cavities and voids. It expands to form a permanent, water resistant bond to wood, concrete, metal, glass and brick. It stops air infiltration and has minimal shrinkage. Cured foam can be sanded, painted or stained.

### Suggested Uses:

MONO<sup>®</sup> Large Gap Insulating Foam Sealant is ideal for sealing around pipes, ducts, vents, electrical outlets and cables. It can be used for filling large gaps and cracks in foundations, masonry walls, crawlspaces and more. It provides an insulating seal to wood, concrete, brick, vinyl, steel and aluminum. **NOT RECOMMENDED FOR USE IN FILLING ENCLOSED CAVITIES (BETWEEN WALLS OR UNDER TUB SURROUNDS). May cause jams or sills to buckle. 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-18624 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. Apply at temperatures between 0°C to 30°C. When applying at low ambient temperatures, the temperature of the can must be at least 10°C.
4. Screw trigger nozzle onto valve, being careful not to actuate valve. Shake can for 1 minute before 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.** Cured foam exposed to sunlight must be coated with paint or stain. Wait 24 hours after applying foam to paint.
7. If idle for 10 or more minutes between uses, shake can vigorously 30-45 seconds before reusing.

## **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 <sup>3</sup>
Shelf Life:	18 months
Service Temperature:	-60°C – 100°C
Specific Gravity:	≤ 1.3
Application Temperature (limits):	0°C – 30°C
Insulation Rating:	R 5.3per inch
Coverage:	One 340g can theoretically yields 130 metres at 12.5mm bead. One 454g can theoretically yields 173 metres at 12.5mm bead. One 680g can theoretically yields 261 metres at 12.5 mm bead
SDS Number:	00042445604

## **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 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 centre 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.