



# Material Safety Data Sheet

Advanced Building Products, Inc.  
P.O. Box 98, Springvale, ME 04083  
Tel: 800-252-2306 Fax: 207-490-2998  
[www.advancedflashing.com](http://www.advancedflashing.com)

## Mortar Maze Weep Vents

### 1. CHEMICAL PRODUCT & COMPANY INFORMATION

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24-Hour Emergency Phone Number: # 517-636-4400

Product: INSPIRE\* C104-01 POLYPROPYLENE

Product Code: 55404

Effective Date: 02/02/99

Date Printed: 07/17/00

MSD: 005588

The Dow Chemical Company, Midland, MI 48674

Customer Information Center: 800-258-2436

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

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Propylene / ethylene copolymer 009010-79-1 >95%

Proprietary Ingredients <5%

### 3. HAZARDS IDENTIFICATION

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#### EMERGENCY OVERVIEW

Translucent to white solid pellets. Slight odor. Toxic fumes are released in fire situations. Slipping hazard.

POTENTIAL HEALTH EFFECTS (See Section 11 for toxicological data.)

EYE: Solid or dust may cause irritating or corneal injury due to mechanical action.

SKIN: Essentially nonirritating to skin. Molten material may burn skin.

INGESTION: Single dose oral toxicity is considered to be low. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury.

INHALATION: Dust may cause irritation to upper respiratory tract. At room temperature, vapors are minimal due to physical properties. Mists or vapors from heated material may cause irritation or other effects.

SYSTEMIC (OTHER TARGET ORGAN) EFFECTS: No specific data available, however, repeated exposures are not anticipated to cause significant adverse effects.

CANCER INFORMATION: No specific data available, however, repeated exposures are not anticipated to cause significant adverse effects. This material is not considered a carcinogen by OSHA, IARC, or NTP.

TERATOLOGY (BIRTH DEFECTS): Birth defects are unlikely. Exposures having no adverse effect on the mother should have no effect on the fetus.

REPRODUCTIVE EFFECTS: Limited data on component(s) tested did not indicate an effect on reproduction in laboratory animals.

### 4. FIRST AID

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EYE: Flush eyes with plenty of water; mechanical effects only.

SKIN: If molten material comes in contact with the skin, cool under ice water or a running stream of water. Do NOT attempt to remove the material from skin. Removal could result in severe tissue damage.

INGESTION: If swallowed seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.

INHALATION: Remove to fresh air if effects occur. Consult a physician.

NOTE TO PHYSICIAN: If burn is present, treat as any thermal burn, after decontamination.

No specific antidote. Supportive care, treatment based on judgement of the physician in response to reactions of the patient.

## 5. FIRE FIGHTING MEASURES

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### FLAMMABLE PROPERTIES

FLASH POINT: Not determined.

METHOD USED: Not determined.

AUTOIGNITION TEMPERATURE: Not determined.

### FLAMMABILITY LIMITS

LFL: Not determined.

UFL: Not determined.

HAZARDOUS COMBUSTION PRODUCTS: Under fire conditions polymers decompose. The smoke may contain polymer fragments of varying compositions in addition to unidentified toxic and/or irritating compounds.

OTHER FLAMMABILITY INFORMATION: Dense smoke is emitted when burned without sufficient oxygen. Mechanical handling can cause formation of dusts. To reduce the potential for dust explosion, do not permit dust to accumulate.

EXTINGUISHING MEDIA: Water, carbon dioxide, dry chemical.

FIRE FIGHTING INSTRUCTIONS: Keep people away. Isolate fire area and deny unnecessary entry. Cool surroundings with water to localize fire zone. Hand held carbon dioxide or dry chemical extinguishers may be used for small fires. Soak thoroughly with water to cool and prevent re-ignition.

PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, pants, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

## 6. ACCIDENTAL RELEASE MEASURES (See Section 15 for Regulatory Information)

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PROTECT PEOPLE: Clear non-emergency personnel from area. Pellets or beads may present a slipping hazard. Hot, thermal burn hazard. Use appropriate safety equipment. For additional information, refer to 'Exposure Controls / Personal Protection', MSDS, Section 8.

PROTECT THE ENVIRONMENT: Contain material to prevent contamination of soil, surface water or ground water.

CLEANUP: Sweep up. Collect with vacuum equipment. Clean up floor areas. Collect material in suitable and properly labeled open containers. See MSDS Section 13 for more information on disposal.

## 7. HANDLING AND STORAGE

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HANDLING: Workers should be protected from the possibility of contact with molten resin. Do not handle or store near open flame, heat, or other sources of ignition. Product on surfaces can cause slippery conditions. Electrically ground all equipment.

STORAGE: Store away from incompatible material. See Reactivity & Stability Section. Store in a dry place. Store below 140°F. Minimize sources of ignition, such as static buildup, heat, spark, or flame.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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ENGINEERING CONTROLS: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.

### PERSONAL PROTECTIVE EQUIPMENT

EYE / FACE PROTECTION: Use safety glasses. If there is a potential for exposure to particles which could cause mechanical injury to the eye, wear chemical goggles.

SKIN PROTECTION: No precautions other than clean body-covering should be needed. Use gloves with insulation for thermal protection, when needed.

RESPIRATORY PROTECTION: In dusty atmosphere, use an approved dust respirator. For most conditions, no respiratory protection should be needed, however, if material is heated or sprayed, use an approved air-purifying respirator.

EXPOSURE GUIDELINES: None established.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE / PHYSICAL STATE: Translucent to white solid pellet.

ODOR: Slightly waxy odor.

SOLUBILITY IN WATER / MISCIBILITY: Negligible.

SPECIFIC GRAVITY OR DENSITY: 0.88 to 0.92

MELTING POINT: >248°F, 120°C

PERCENT VOLATILE: <0.4%

## 10. STABILITY AND REACTIVITY

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CHEMICAL STABILITY: Stable under recommended storage conditions. See storage section.

CONDITIONS TO AVOID: Product can decompose at elevated temperatures.

INCOMPATIBILITY WITH OTHER MATERIALS: Avoid contact with oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Hazardous decomposition products depend upon temperature, air supply and the presence of other materials. Hazardous decomposition products may include and are not limited to: Aldehydes, acrolein, ketones. Processing may release fumes which may include polymer fragments and other decomposition products. Fumes can be irritating. At temperatures exceeding melt temperatures, polymer fragments can occur.

HAZARDOUS POLYMERIZATION: Will not occur.

## 11. TOXICOLOGICAL INFORMATION (See Section 3 for Potential Health Effects. For detailed toxicological data, write or call the address or non-emergency number shown in Section 1.)

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INGESTION: Single dose oral LD50 has not been determined.

MUTAGENICITY: No data found to indicate a mutagenic effect.

## 12. ECOLOGICAL INFORMATION (For detailed Ecological data, write or call the address or non-emergency number shown in Section 1.)

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ENVIRONMENTAL FATE:

MOVEMENT & PARTITIONING: No bioconcentration is expected because of the relatively high molecular weight (M greater than 1000). In the terrestrial environment, material is expected to remain in the soil. In the aquatic environment, material is expected to float.

DEGRADATION & PERSISTENCE: This water insoluble polymeric solid is expected to be inert in the environment. Surface photo-degradation is expected with exposure to sunlight. No appreciable biodegradation is expected.

ECOTOXICITY: Not expected to be acutely toxic, but pellets may mechanically cause adverse effects if ingested by waterfowl or aquatic life.

## 13. DISPOSAL CONSIDERATIONS (See Section 15 for Regulatory Information)

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DISPOSAL: DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal methods must be in compliance with all Federal, State / Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: recycler, reclaimer, incinerator or other thermal destruction device.

As a service to its customers, Advanced Building Products, Inc. can provide names of information resources to help identify waste management companies and other facilities which recycle, reprocess, or manage chemicals or plastics.

## 14. TRANSPORT INFORMATION

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DEPARTMENT OF TRANSPORTATION (D.O.T.): This product is not regulated by D.O.T. when shipped domestically by land.

CANADIAN TDG INFORMATION: This product is not regulated by TDG when shipped domestically by land.

15. REGULATORY INFORMATION (Not meant to be all-inclusive - selected regulations represented)

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations. See other sections for health and safety information.

U.S. REGULATIONS

SARA 313 INFORMATION: To the best of our knowledge, this product contains no chemical subject to SARA Title III Section 313 supplier notification requirements.

SARA HAZARD CATEGORY: This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Not to have met any hazard category

TOXIC SUBSTANCES CONTROL ACT (TSCA): All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

STATE RIGHT-TO-KNOW: This product is not known to contain any substances subject to the disclosure requirements of:

New Jersey  
Pennsylvania

OSHA HAZARD COMMUNICATION STANDARD: This product is not a 'Hazardous Chemical' as defined by the OSHA Hazard Communication Standard, 29 CFR 1910, 1200.

COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (CERCLA, OR SUPERFUND): To the best of our knowledge, this product contains no chemical subject to reporting under CERCLA.

CANADIAN REGULATIONS

WHMIS INFORMATION: The Canadian Workplace Hazardous Materials Information System (WHMIS) Classification for this product is:

This product is not a 'Controlled Product' under WHMIS.

16. OTHER INFORMATION

MSDS STATUS: Revised Section 13, Disposal.