



## Safety Data Sheet

DriPlane™ 0.25, 0.4, 0.75 inch

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Issue Date: 2016/November!29

### Section 1: Product and Company Identification

**PRODUCT NAME:** MortarNet™ DriPlane™ 020  
MortarNet™ DriPlane™ 040  
MortarNet™ DriPlane™ 075

**SYNONYMS:** MortarNet™, DriPlane™, entangled filament mat, rainscreen

**PRODUCT CODES:** 3107-065-48M0  
3141-045-48M0  
3139-050-48M0

**MANUFACTURER:** Mortar Net Solutions™  
**DIVISION:** Moisture Management  
**ADDRESS:** 326 Melton Road, Burns Harbor, IN 46304

**PHONE:** 800 664-6638  
**FAX PHONE:** 219 787-5088

**CHEMICAL NAME:** Polyethylene Terephthalate/Polycaprolactum/Polypropylene copolymer  
**CHEMICAL FORMULA:**  $(C_{10}H_8O_4)_n / (C_6H_{11}NO)_n / (C_3H_6)_n$

**PRODUCT USE:** Building rainscreen drainage plane  
**PREPARED BY:** Mortar Net Solutions™

### Section 2: Hazards Identification

#### OSHA HAZARD

**COMMUNICATION STANDARD:** Finished goods produced by Mortar Net Solutions™ are legally deemed as “articles” and as such are exempt from the Code of Federal Regulations, Title 29, Chapter XVII, Part 1910, Subpart Z, Section 1910.1200 of the OSHA Hazard Communication Standard. Therefore, in accordance with the provisions of this Standard, Safety Data Sheets are not required of non-hazardous goods deemed as “articles.” In addition, articles are not included in the scope of the Globally Harmonization System (GHS). As such, the GHS labeling elements are not included on this SDS. All components listed for this product are bound within the product. When handled as intended and under normal conditions of use, there is no evidence that any of the ingredients are released in amounts that pose a significant health risk. Although these products are not subject to the OSHA Standard or GHS labeling elements, Mortar Net Solutions™ would like to disclose as much health and safety information as possible to ensure that this product is handled and used properly. This SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and be made available for employees and other users of this product. In addition, the recommendations for handling and use of these products should be included in worker training programs.

**EMERGENCY OVERVIEW:** Fabric Color-Black Mat Color- Black Odor-none  
**ROUTES OF EXPOSURE:** Skin contact, inhalation, ingestion

**POTENTIAL HEALTH EFFECTS:** EYES: Not expected to be a health hazard.  
SKIN: Not expected to be a health hazard from skin exposure.  
INGESTION: Not expected to be a health hazard via ingestion.  
INHALATION: No adverse health effects expected from inhalation.

**CHRONIC HEALTH HAZARDS:** No adverse health effects expected.



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### MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

No information found.

## Section 3: Composition/Information on Ingredients

### INGREDIENT:

Fabric- Polyethylene Terephthalate/Polycaprolactum, Mat- Polypropylene copolymer

This product contains no chemical subject to SARA Title III Section 313 supplier notification requirements.

## Section 4: First Aid Measures

### EYES:

Not expected to require first aid measures. Wash thoroughly with running water. Get medical advice if irritation develops.

### SKIN:

Not expected to require first aid measures. Wash exposed area with soap and water. Get medical advice if irritation develops.

### INGESTION:

Not expected to require first aid measures. If large amounts were swallowed, give water to drink and get medical advice.

### INHALATION:

Not expected to require first aid measures. Remove to fresh air. Get medical attention for any breathing difficulty.

## Section 5: Fire-Fighting Measures

### FIRE:

Not considered to be a fire hazard. Liberates toxic gases when involved in a fire.

### EXPLOSION:

Not considered to be an explosion hazard

### AUTOIGNITION TEMPERATURE:

Approximatly 508°C Polyethylene Terephthalate/350°C Polycaprolactum/570°C Polypropylene copolymer

### EXTINGUISHING MEDIA:

Water spray, Dry chemical, Carbon dioxide

### SPECIAL FIRE FIGHTING PROCEDURES:

Fire fighters and others exposed to products of combustion should wear self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

### FIRE & EXPLOSION HAZARDS:

None

## Section 6: Accidental Release Measures

### ACCIDENTAL RELEASE MEASURES:

Solid material, normal clean up procedure



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### Section 7: Handling and Storage

**HANDLING AND STORAGE:** Polycaprolactum/Polypropylene copolymer- Keep away from sparks, heat, & flame. May react with strong oxidizing agents and should not be stored near such materials.

Polyethylene Terephthalate- Take measures to prevent the build up of electrostatic charge.

### Section 8: Exposure Controls / Personal Protection

**VENTILATION :** Heat only in areas with appropriate exhaust ventilation.

**RESPIRATORY PROTECTION:** No personal respiratory protective equipment normally required.

**EYE PROTECTION:** Safety glasses with side-shields.

**SKIN PROTECTION:** Long sleeved clothing and/or protective gloves.

**WORK HYGIENIC PRACTICES:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**EXPOSURE GUIDELINES:** Not determined

### Section 9: Physical and Chemical Properties

**APPEARANCE:** Mat: Black Fabric: Black

**ODOR:** Nil

**PHYSICAL STATE:** Solid

**BOILING POINT:** NA

**FLASH POINT:** Polypropylene copolymer >343°C (650 °F)

**MELTING POINT:** 258°C Polyethylene Terephthalate/220°C Polycaprolactum /130°C (266°F) Polypropylene

**SPECIFIC GRAVITY:** 1.38 Polyethylene Terephthalate/1.13 Polycaprolactum/ 0.905 Polypropylene

**VAPOR PRESSURE/DENSITY:** NA

**SOLUBILITY IN WATER:** Negligible

**PERCENT SOLIDS BY WEIGHT:** 100%

**PERCENT VOLATILE:** None

**VOLATILE ORGANIC COMPOUNDS (VOC):** None

**MOLECULAR WEIGHT:** (192.2)<sub>g/mol</sub> / (113.16)<sub>g/mol</sub> / (42.8)<sub>g/mol</sub>



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### Section 10: Stability and Reactivity

**STABILITY:** Stable at ambient temperatures

**CONDITIONS TO AVOID:** Avoid direct contact with flame

**INCOMPATIBILITY:** Oxidizers

#### HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

Polycaprolactum- Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), other hazardous materials, and smoke are all possible.

Polyethylene Terephthalate- Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), other hazardous materials, and smoke are all possible.

Polypropylene- Carbon monoxide, carbon dioxide, oxides of nitrogen, and hydrocarbons may be generated during thermal decomposition and combustion.

**HAZARDOUS POLYMERIZATION:** Will not occur

### Section 11: Toxicological Information

**TOXICOLOGICAL INFORMATION:** Fabric is composed of two solid organic polymers. Mat is composed of one organic polymer. No known physical or health hazards associated with the use of these products.

### Section 12: Ecological Information

**ECOLOGICAL INFORMATION:** Does not biodegrade. Reclaim for reprocessing if possible.

### Section 13: Disposal Considerations

**WASTE DISPOSAL METHOD:** Dispose of waste as non-hazardous solid waste in accordance with federal, state or provincial and local codes.

### Section 14: Transport Information

#### U.S. DEPARTMENT OF TRANSPORTATION:

Finished products manufactured by Mortar Net Solutions™ are not regulated by D. O. T. when shipped domestically by land.

**CANADIAN TDG INFORMATION:** The Transportation of Dangerous Goods Classification for this product is: Not Regulated.





Moisture  
Management  
for Masonry



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### Section 15: Regulatory Information

**U.S. FEDERAL REGULATIONS:** SARA Title III, Section 313:Not listed  
NPCA/HMIS Rating: Health-0 (minimal); Flammability 1 (slight); Reactivity 0 (minimal)  
NFPA Designation 704: Not rated

**CANADIAN REGULATIONS:** WHMIS Information: This product is not a “Controlled Product” under WHMIS.

### Section 16: Other Information

**OTHER INFORMATION:** The information provided is correct to the best of our knowledge, information and belief at the date of its publication. This information relates to the specific material designated and may not be valid for such material used on combination with any other materials or in any process. The information is given as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. User is responsible for determining whether the Mortar Net Solutions™ product is fit for a particular purpose and suitable for user’s method of use or application. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license of valid patents.