



Moisture  
Management  
for Masonry

326 Melton Rd., Burns Harbor, IN 46304  
P 800 664 6638 F 219 787 5088  
www.mortarnet.com

# TotalFlash®

## Material Safety Data Sheet

### TotalFlash MPE-1 Adhesive & Sealant

#### Section 1. Chemical Product and Company Identification

Product name: **TotalFlash MPE-1 Adhesive & Sealant**

CAS Number: None (mixture)

Mortar Net Solutions®

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#### Section 2. Composition, Information on Ingredients

**No hazardous materials present as defined by OSHA-29 CFR 1910.1000; EPA-40 CFR 260-281, 302,355, 370; DOT-49 CFR 172; WHMIS or EC Directive 91/155/EEC.**

#### Section 3. Hazards Identification

##### EMERGENCY OVERVIEW:

Mild liquid, prolonged contact may cause skin & eye irritation. Ingestion may cause gastric distress. Inhalation of vapors or mists may cause irritation to respiratory tract. Hazardous symbols for this product – Xi. Risk Phrases – R36/37/38

##### PRIMARY ROUTE(S) OF ENTRY:

Skin and eye contact

##### HEALTH HAZARDS:

Acute:

EYES: Can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes.

SKIN: Can cause skin irritation. Symptoms may include redness and burning of skin.

Chronic:

No adverse effects anticipated

Medical Conditions Aggravated by Exposure:

Preexisting skin and eye disorders may be aggravated by exposure to this product.

Carcinogenicity:

NTP NO OSHA NO IARC NO NTP NO



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#### Section 4. First Aid Measures

<b>Eye Contact</b>	Check for and remove contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention if irritation develops.
<b>Skin Contact</b>	Wash affected areas with large amounts of running water, and soap if available, for 15 minutes. Remove contaminated clothing and shoes. Wash clothing and decontaminate shoes before reuse. Get medical attention if irritation develops and persists.
<b>Inhalation</b>	Remove patient from exposure, keep warm and at rest. Obtain immediate medical attention. Treatment is symptomatic for primary irritation or bronchospasm. If breathing is labored, oxygen should be given by administered by qualified personnel. Apply artificial respiration if breathing has ceased or shows signs of failing.
<b>Ingestion</b>	Give two glasses of water for dilution. <b>DO NOT</b> induce vomiting. Never give anything by mouth to an unconscious person. Obtain immediate medical attention.
<b>Notes to Physician</b>	Symptomatic and supportive therapy as needed.

#### Section 5. Fire Fighting Measures

<b>Flash Point</b>	> 450 °F. (>232.2° C) TCC
<b>General Hazards</b>	Product will support combustion. Products of combustion include Compounds of carbon, hydrogen, chlorine, oxygen, including carbon monoxide.
<b>Extinguishing Media</b>	Small fires: foam, CO <sub>2</sub> or dry chemical. Large fires: use water spray or foam.
<b>Special Fire Fighting Procedures:</b>	Wear NIOSH approved positive-pressure self-contained breathing apparatus.
<b>Special Remarks on Fire Hazards:</b>	This product is not considered flammable: Reaction with water Releases trace amounts of methanol.

#### Section 6. Accidental Release Measures

Collect material into a container approved for waste disposal. Minor spills may be collected with absorbent material and disposed of properly.

This material would not be considered a hazardous waste by RCRA criteria. Follow local regulations for disposal compliance.

#### Section 7. Handling and Storage

<b>Handling</b>	Wear appropriate protective equipment (See Section 8). Avoid contact with eyes, skin, and clothes. Avoid breathing vapors.
<b>Storage</b>	Keep containers tightly closed. Store in cool, dry area available from incompatible materials. Keep this and other chemicals out of the reach of children.

#### Section 8. Exposure Controls, Personal Protection

##### PERSONAL PROTECTION:

<b>Respirator:</b>	None required while threshold limits are kept below maximum allowable concentrations; if TWA exceeds standard workplace limits, NIOSH approved respirator must be worn. Refer to 29 CFR 1910.134, ANSI Z88.2, or European Standard EN149 for complete regulations.
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<b>Eye Protection:</b>	Chemical splash goggles. Refer to 29 CFR 1910.1334, ANSI Z87.1.2, or European Standard EN166 for complete regulations.
<b>Gloves:</b>	Use Neoprene, butyl or nitrile gloves with cuffs.
<b>Clothing:</b>	Wear clothing that will protect the skin from exposure to this product.
<b>Other:</b>	Provide Eye Wash station

#### Section 9. Physical and Chemical Properties

<b>State:</b>	Paste	<b>PH:</b>	NA
<b>Odor:</b>	Mild	<b>Vapor Density:</b>	Not Determined
<b>Melting Point °F.</b>	Not Determined	<b>Reactivity in Water:</b>	Incompatible
<b>Boiling Point</b>	Not Determined	<b>Specific Gravity:</b>	1.3 to 1.7
<b>Color:</b>	Various Colors	<b>Water Solubility:</b>	Slightly Soluble

#### Section 10. Stability and Reactivity

<b>Reactivity:</b>	Stable
<b>Conditions of Instability:</b>	Avoid high temperatures (greater than 150 °F.)
<b>Hazardous Decomposition Products</b>	Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes or vapors, and smoke may be produced.
<b>Hazardous Polymerization</b>	Hazardous polymerization may occur with excess of aliphatic amine curing agent
<b>Incompatibilities:</b>	Avoid contact with acids and oxidizers.

#### Section 11. Toxicological Information

No hazardous materials present as defined by OSHA-29 CFR 1910.1000; EPA-40 CFR 260-281, 302,355, 370; DOT-49 CFR 172; WHMIS or EC Directive 91/155/EEC.

#### Section 12. Ecological Information

**FOR PRODUCT:** No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant.

#### Section 13. Disposal Considerations

**Waste Information:** Not regulated by RCRA. Observe all applicable federal, state, and local regulations. Refer to 40 CFR 260-299 for complete waste disposal regulations.

#### Section 14. Transport Information

<b>Proper Shipping Name:</b>	Non-hazardous for Transport
<b>DOT Classification:</b>	Not regulated
<b>TDG Classification:</b>	Not regulated.
<b>IMO/IMDG Classification</b>	Not regulated.
<b>ICAO/IATA Classification</b>	Not regulated.

Note: Transportation information provided is for reference only. Customer is urged to consult 49 CFR 100-177, IMDG, IATA, EC, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and



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exceptions covering specific container sizes, packaging materials and methods of shipping.

### Section 15. Regulatory Information

#### U.S. Federal Regulations:

##### OSHA HAZARDOUS COMMUNICATION STANDARD (29 CFR 1910.1200):

Non Hazardous

##### TSCA 8(b) inventory:

All Ingredients Listed or are exempt from listing because a Low Volume Exemption has been granted in accordance with 40 CFR 723.50

##### CERCLA (Comprehensive Environmental Response, Compensation and Liability Act):

None

##### SARA Title III:

###### Section 311/312:

None

###### Section 302/304:

This product does not contain any chemicals currently on the Extremely Hazardous Substance list.

###### Section 313:

This product does not contain any chemicals currently listed on the Toxic Chemical List.

#### State Regulations:

##### California Proposition 65:

This product contains no levels of listed substances known to the state of California to cause cancer, birth defects, or other reproductive harm.

##### Other states:

N/A

#### CPR (Canadian Controlled Products Regulations)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. WHMIS Classification: D2B-Eye irritation; D2B-Skin Sensitization.

#### IDL (Canadian Ingredient Disclosure List)

Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in Section 3.

#### DSL/NDSL (Canadian Domestic Substances List/Non-Domestic Substances List)

Components of this product identified by CAS number are listed on the DSL or NDSL, or are otherwise in compliance with the New Substances Notification (NSN) regulations. Only ingredients classified as "hazardous" are listed in Section 3 unless otherwise indicated.

#### EINECS (European Inventory of Existing Commercial Chemical Substances)

Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

WGK Water Quality Index: 2

VbK Index: A III

### Section 16. Other information

#### Risk Phrases:

R36/37/38 Irritating to eyes, respiratory system and skin

#### Safety Phrases

S2 Keep out of the reach of children



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S24/25 Avoid contact with skin and eyes

Specific toxicity tests have not been conducted on this product. Our hazard evaluation is based on information from similar products, the ingredients, technical literature, and/or professional experience.

### HMIS HAZARD RATINGS

Health: 1      FLAMMABILITY: 1      PHYSICAL HAZARD: 0

\*=Chronic Health Hazard      0=Insignificant      1=Slight    2=Moderate      3=High    4=Extreme

Personal Protective Equipment      C      Safety Glasses, Gloves, Apron

### Notice to Reader

While the information and recommendations in this publication are to the best of our knowledge, information and belief accurate at the date of publication, **NOTHING HEREIN IS TO BE CONSTRUED AS A WARRANTY, EXPRESS OR OTHER WISE.**

**IN ALL CASES, IT IS THE RESPONSIBILITY OF THE USER TO DETERMINE THE APPLICABILITY OF SUCH INFORMATION AND RECOMMENDATIONS AND THE SUITABILITY OF ANY PRODUCT FOR ITS OWN PARTICULAR PURPOSE.**

**THE PRODUCT MAY PRESENT HAZARDS AND SHOULD BE USED WITH CAUTION. WHILE CERTAIN HAZARDS ARE DESCRIBED IN THIS PUBLICATION, NO GAURANTEE IS MADE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.**

*Hazards, toxicity, and behavior of the products may differ when used with other materials and are dependent upon the manufacturing circumstances or other processes. Such hazards, toxicity and behavior should be determined by the user and made known to handlers, processors and end users.*