# Safety Data Sheet



## Section 1: PRODUCT AND COMPANY IDENTIFICATION

Omega Products International
P.O. Box 77220
Corona, CA 92877-0107

Company Phone Number: 1-951-737-7447
Emergency Phone Number: 1-951-737-7447 or 1-800-600-6634

Trade Name: MAVS 1000, MAVS 2000, MAVS 3000, MAVS Masonry Mortar & Grout, MAVS ProPlus Masonry Mortar & Grout, and Mortar Concentrate

Chemical Family: chemical mixture

Issue Date: September 01, 2024

## Section 2: HAZARDS IDENTIFICATION

### 2.1 Emergency Overview

***Classification (GHS-US)***

| Category | Description | Code |
|---|---|---|
| 1C | Skin Corrosion/Irritation | H314 |
| 1 | Eye Damage | H318 |
| 1 | Skin Sensitization | H317 |
| 1A | Carcinogenicity/Inhalation | H350 |

### 2.2 Label Elements

***GHS-US Labeling***

Hazard Pictograms (GHS-US)

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| Signal Word (GHS-US) | **Danger** |
| Hazard Statements (GHS-US) | H314 – Causes severe skin burns and eye damage<br>H318 – Causes serious eye damage<br>H317 – May cause allergic skin irritation<br>H350 – May cause cancer through prolonged or repeated exposure by inhalation. |
| Prevention Precautionary Statements (GHS-US) | P260 – Do not breathe dust.<br>P264 – Wash clothing, face, and hands thoroughly after handling.<br>P280 – Wear eye protection, protective clothing, and protective gloves. |

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| Response Precautionary Statements (GHS-US) | P301+P330+P350 – If swallowed: Rinse mouth. Do not induce vomiting.<br>P303+P361+P352 – If on skin (or hair): Remove/Take off immediately all contaminated clothing. Rinse with water/shower.<br>P304+P341 – If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.<br>P305+P351+P338 – If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, present and easy to do. Continue rinsing.<br>P308+P313 – If exposed or concerned: Get medical advice/attention.<br>P333+P313 – If skin irritation or rash occurs: Get medical advice/attention.<br>P501 – Dispose of contents/container to comply with local/regional/national regulations |

**Inhalation:** In addition to causing cancer, prolonged exposure to respirable crystalline silica causes silicosis, a fibrosis (scarring) of the lungs, which is a permanent and progressive condition that may lead to death. Silicosis may aggravate or increase the risk of tuberculosis, scleroderma, nephrotoxicity, bronchitis, emphysema, and asthma. Actions taken to control hazards related to respirable crystalline silica are adequate to control hazards from microorganisms that may be also present in some products.

**Eye Contact:** A mechanical irritant which can cause moderate eye irritation. This product may cause abrasion to the cornea. Avoid wearing contact lenses when working with product.

## Section 3: COMPOSITION/INFORMATION OF INGREDIENTS

| CAS # | Name | % by Wt. | Exposure Limit | |
|---|---|---|---|---|
| 65997-15-1 | Portland Cement | 20 - 40 | OSHA PEL (respirable) | 5 mg/m$^3$ |
| | | | OSHA PEL (total) | 15 mg/m$^3$ |
| | | | ACGIH TLV (respirable) | 10 mg/m$^3$ (less 1% Quartz) |
| 1317-65-3 | Ground calcium carbonate (GCC) | 0 - 5 | OSHA PEL (total) | 15 mg/m$^3$ |
| | | | OSHA PEL (respirable) | 5 mg/m$^3$ |
| 1305-62-0 | Calcium Hydroxide | 0 - 10 | OSHA PEL (respirable) | 5 mg/m$^3$ |
| | | | OSHA PEL (total) | 15 mg/m$^3$ |
| | | | ACGIH TLV | 5 mg/m$^3$ |
| 1309-42-8 | Magnesium Hydroxide | 0 - 5 | OSHA PEL | 15 mg/m$^3$ |
| | | | ACGIH TLV | 5 mg/m$^3$ |
| 14808-60-7 | Silica, crystalline (quartz) | 50 - 75 | OSHA PEL (respirable) | 0.05 mg/m$^3$ |
| | | | ACGIH TLV (respirable) | 0.025 mg/m$^3$ |
| 2943-75-1 | Triethoxyoctylsilane | 0 – 1 | Does not contain any substances with occupational exposure limits | |

All other components are considered non hazardous, if considered hazaradous are present in quantitiles of less than 1.0 % by weight, or if considered carcinogenic, are present in quantities of less than 0.10 % by weight.

## Section 4: FIRST-AID MEASURES

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| **Eye contact** | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for 15 minutes. If chemical burns occur, promptly get them treated by a physician. |

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| **Inhalation** | Remove victim to fresh air and keep in a position comfortable for breathing. If the individual is not breathing, if breathing is irregular, or if respiratory arrest occurs due to gross inhalation, provide artificial respiration or oxygen by trained personnel. Seek medical help if coughing or symptoms persist. |
| **Skin contact** | Immediately wash thoroughly with lukewarm water, gently flowing water and non-abrasive pH neutral soap. Seek medical attention for rashes, burns, irritation, dermatitis, and prolonged unprotected exposures to material. |
| **Ingestion** | Get medical attention immediately. Call poison control or physician. Have victim rinse mouth with water. DO NOT INDUCE VOMITING unless directed to do so by medical personnel. Remove victim to fresh air and keep in a position comfortable for breathing. |

## Section 5: FIRE FIGHTING MEASURES

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| **Suitable extinguishing media** | Non-flammable. Use extinguishing agent suitable for the surrounding fire. |
| **Unsuitable extinguishing media** | None |
| **Unusual Hazards** | Decomposition products may include the following materials: carbon dioxide, carbon monoxide, sulfur oxides, and metal oxide/oxides products |
| **Products of Combustions** | None |
| **Protection of firefighters** | Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters clothing will provide adequate protection |

## Section 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

Put on appropriate personal protective equipment. For personal protective clothing requirements, please see Section 8.

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| **For non-emergency personnel** | Evacuate area, if necessary. Contact emergency personnel, if needed. Do not breathe dust. Stay upwind. |
| **For emergency personnel** | Evacuate surrounding areas if necessary. Keep unnecessary and unprotected personnel from entering. Do not breathe dust. Provide adequate ventilation. |
| **Environmental precautions** | Avoid release to the environment. Contain spill to avoid discharge of spilled material into drains, surface waters, and/or groundwater. If the spilled material enters any drainage systems, surface waters, and/or groundwater, follow applicable local, state, and federal laws and regulations for additional clean-up and/or reporting regulations. |

**Methods and materials for containment and cleaning up**

Wear appropriate personal protective equipment as described in Section 8 for cleaning, containing and removing the spill. Minimize generation of dust. For small spills, clean with a vacuum with a filtration system sufficient to remove and prevent recirculation of cement dust (a vacuum equipped with a high-efficiency particulate air (HEPA) filter is recommended). For large spills, use control dust measures and carefully scoop or shovel into clean dry container for later reuse or disposal. DO NOT USE COMPRESSED AIR TO CLEAN SPILLS.

## Section 7: HANDLING AND STORAGE

**Handling** Do not get in eyes. Avoid contact with skin. Use in well-ventilated areas. Wash thoroughly after handling.

**Storage** Store in a cool, dry location and out of direct sunlight. Protect sacks from weather and other damage.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines**

| CAS # | Name | Exposure Limit | |
|---|---|---|---|
| 65997-15-1 | Portland Cement | OSHA PEL (respirable) | 5 mg/m$^3$ |
| | | OSHA PEL (total) | 15 mg/m$^3$ |
| | | ACGIH TLV (respirable) | 10 mg/m$^3$ (less 1% Quartz) |
| 1317-65-3 | Ground calcium carbonate (GCC) | OSHA PEL (total) | 15 mg/m$^3$ |
| | | OSHA PEL (respirable) | 5 mg/m$^3$ |
| 1309-42-8 | Magnesium Hydroxide | OSHA PEL | 15 mg/m$^3$ |
| | | ACGIH TLV | 5 mg/m$^3$ |
| 14808-60-7 | Silica, crystalline (quartz) | OSHA PEL (respirable) | 0.05 mg/m$^3$ |
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| 2943-75-1 | Triethoxyoctylsilane | Does not contain any substances with occupational exposure limits | |

**Engineering controls** Use local ventilation, if needed.
**Eye/face protection** Use chemical splash goggles (ANSI 287.1 or approved equivalent)
**Skin protection** Use rubber or neoprene gloves to provide protection against wet material.
**Respiratory protection** None required for normal use of this product. If material is sanded or ground when dry, NIOSH/MSHA approved respirators for dust should be provided and used. As with any safety product, workers using respirators should be trained in the proper selection, use and care of such equipment.

**General hygiene considerations** Wash thoroughly after handling. Have eye-wash facilities immediately available.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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| Color | Off-white, tan, or gray in color (color may change depending on colorant added) |
| Odor | Slight |
| Odor Threshold | Not available |
| Physical state | Powdered Liquid |
| pH | Not available |
| Freezing point | Not available |
| Boiling point | Not available |
| Flash point | Noncombustible |

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| Evaporation rate | Not applicable |
| Flammability | Not flammable |
| Auto Ignition Temperature | Not applicable |
| Vapor Pressure | Not applicable |
| Vapor Density | Not applicable |
| Specific Gravity | Not available |
| Solubility (water) | Not available |
| Partition coefficient (n-octanol/water): | Not applicable |

## Section 10: STABILITY AND REACTIVITY

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|---|---|
| **Chemical stability** | Stable |
| **Conditions to avoid** | None |
| **Incompatible materials** | No known incompatible materials |
| **Hazardous decomposition products** | Thermal decomposition may yield carbon dioxide, carbon monoxide, sulfur oxides, and metal oxide/oxides products |
| **Possibility of hazardous reactions** | None |

## Section 11: TOXICOLOGICAL INFORMATION

**Likely routes of exposure** Inhalation, skin contact, eye contact

**Acute effects of exposure**

**Inhalation** Inhalation of dust may cause respiratory tract irritation. Symptoms of exposure may include cough, sore throat, nasal congestion, sneezing, wheezing, and shortness of breath.
Acute Silicosis can occur with exposure to very high concentrations of respirable crystalline silica over a very short time period, sometimes as short as a few months. The symptoms of acute silicosis include progressive shortness of breath, fever, cough and weight loss. Acute silicosis is fatal.

**Eye irritation** This product can cause severe eye damage and may cause abrasion to the cornea.

**Skin contact** This product can cause severe skin burns.

**Ingestion** Unlikely exposure route. Can irritate/burn mouth and throat.

**Chronic effects of exposure**

**Silicosis** Accelerated Silicosis can occur with exposure to high concentrations of respirable crystalline silica over a relatively short period; the lung lesions can appear within five (5) years of the initial exposure. The progression can be rapid. Accelerated silicosis is like chronic or ordinary silicosis, except that the lung lesions appear earlier, and the progression is more rapid.
Chronic silicosis is the most common form of silicosis and can occur after many years (10 to 20 or more) of prolonged repeated inhalation of relatively low levels of airborne respirable crystalline silica dust. It is further defined as either simple or complicated silicosis.

**Cancer** It is widely accepted that respirable crystalline silica which is used in this product can cause lung cancer.

## Section 12: ECOLOGICAL INFORMATION

| | |
|---|---|
| **Persistence and degradability** | No data available |
| **Bioaccumulation potential** | No data available |
| **Mobility in soil** | No data available |
| **Other adverse effects** | No data available |
| **Ecotoxicity** | No data available |

## Section 13: DISPOSAL CONSIDERATIONS

Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements. The information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated.
It is the responsibility of the waste generator to determine toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

## Section 14: TRANSPORTATION INFORMATION

| | | |
|---|---|---|
| **Land transport** | **USDOT** | Not classified as a dangerous good under transport regulations |
| **Sea transport** | **IMDG** | Not classified as a dangerous good under transport regulations |
| **Air transport** | **IATA/ICAO** | Not classified as a dangerous good under transport regulations |

## Section 15: REGULATORY INFORMATION

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| **TSCA** | All components of this product are listed or are exempt from listing on the TSCA inventory. |
| **CERCLA, section 103 (40CRF302.4)** | This product contains the following toxic chemicals that require notification of the National Response Center of releases of quantities of hazardous substances equal to or greater than the Reportable Quantities (RQ):<br>No reportable quantities are present |
| **Clean Air Act, section 112** | This product contains the following components present at or above the minimum level and listed as Hazardous or Extremely Hazardous Air Pollutants:<br>No reportable quantities are present |
| **SARA, section 302 (40CFR355.30) and section 304 (40CFR355.40)** | This product contains the following items that require emergency planning based on Threshold Planning Quantities (TPQ) or release reporting based on RQ:<br>No reportable quantities are present. |
| **SARA, section 311/312 (40CFR370.21) Hazard classification for this product** | Fire – No<br>Pressure generating - No<br>Reactivity – No<br>Acute Health – Yes<br>Chronic Health – Yes |
| **SARA, section 313 (40CFR372.65)** | This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986: |

No reportable quantities are present

**State Regulations:**

**California Proposition 65**

**WARNING:** This product can expose you to chemicals including silica, crystalline (quartz) known to the State of California to cause cancer or birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov

**Massachusetts Right to Know**

| | |
|---|---|
| Ground calcium carbonate (GCC) | 1317-65-3 |
| Silica, crystalline quartz | 14808-60-7 |

**Pennsylvania Right to Know**

| | |
|---|---|
| Ground calcium carbonate (GCC) | 1317-65-3 |

## Section 16: OTHER INFORMATION

**Hazardous Material Information System III (U.S.A.)**

Health: *
Flammability: 0
Physical Hazards: 0

* See section 2

Health rating applies only to acute effects as defined by the National Paint and Coatings Association)

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

Legend

| | |
|---|---|
| ACGIH | American Conference of Government Industrial Hygienists |
| HMIS | Hazardous Material Identification System |
| NTP | National Toxicology Program |
| OSHA | Occupational Safety and Health Administration |
| STEL | Short Term Exposure Limit |
| TWA | Time Weighted Average |
| NIOSH | National Institute for Occupational Safety and Health |
| PEL | Permissible Exposure Limit |

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