



P.O. Box 15868
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Lenexa, KS 66285-5868
www.magnum-products.com

Material Safety Data Sheet

S-1000, R-1002, R-1011

Section 1 - Product & Company Identification Product names and codes

Product Name: Magnum S-1000; Magnum R-1000; Magnum R-1002

Chemical Family: Texture/Finishing

Product Uses: Decorative ceiling and wall textures used in new construction or remodeling projects for interior walls and ceilings.

Manufacturer
Magnum Products
15740 W. 108th St.
Lenexa, KS 66219

Emergency Contact Information
Day Phone: (913) 888-0882
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Section 2 – Hazard Identification

Emergency Overview:

This product is not expected to produce any unusual hazards during normal use. Exposure to high dust and/or mist levels may irritate the skin, eyes, nose, throat, or upper respiratory tract.

OSHA Regulatory Status:

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

Potential Health Effects

Target Organs: Eyes, skin and respiratory system.



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	Acute	Chronic
Eye Contact	Irritation: Dust/Mist can cause temporary irritation of eyes. If burning, redness, itching, pain or other symptoms persist or develop, consult physician.	None Known.
Ingestion	None Known.	None Known.
Inhalation	Breathing dust or spray mist may irritate the eyes, nose, throat, and upper respiratory system. Exposure to dust and mist generated during the handling, spray application or use of the product may cause temporary irritation to eyes, skin, nose, throat and upper respiratory tract. Persons subjected to large amounts of this dust or mist will be forced to leave area because of nuisance conditions such as coughing, sneezing and nasal irritation. Labored breathing may occur after excessive inhalation. If respiratory symptoms persist, consult physician.	Long term inhalation of large quantities of respirable mica dust can cause lung damage (pulmonary fibrosis). Exposures to respirable crystalline silica are not expected during the normal use of this product; however, actual levels must be determined by workplace hygiene testing. Prolonged and repeated exposure to airborne free respirable crystalline silica can result in lung disease (i.e. silicosis) and/or lung cancer. The development of silicosis may increase the risks of additional health effects. The risk of developing silicosis is dependent upon the exposure intensity and duration.
Skin Contact	May cause rash or dry skin	None Known. Continued exposure may result in dermatitis.

Section 3 – Composition, Information on Ingredients

Material	CAS #	Permissible Exposure Limit mg/m ³	Threshold Limit Value mg/m ³
Calcium Carbonate	CAS# 1317-65-3	15/5 (R)	10
Mica	CAS# 12001-26-2	20 mppcf	3 (R)
Perlite	CAS# 93763-70-3	15	10(R)
Attapulgate Clay	CAS# 12174-11-7	15	10
Starch	CAS# 9005-25-8	5	NE
Polystyrene	CAS# 9003-53-6	NE	NE
Titanium Dioxide	CAS# 13463-67-7	10/5 (R)	10
Hydroxyethylcellulose	CAS# 9004-62-4	NE	NE
Hydroxypropylmethylcellulose	CAS# 9004-65-3	NE	NE
Polyvinyl alcohol	CAS# 9002-89-5	NE	NE
Sod. Polymethacrylate	CAS# 54193-36-1	NE	NE
Quartz*	CAS#14808-60-7	10	10

* as a natural occurring constituent

(R) = Respirable Dust; NE = Not Established; mppcf = million particles per cubic foot



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Section 4 – First Aid Measures

Inhalation: Remove to fresh air immediately. Leave the area of exposure and remain away until coughing and other symptoms subside. If breathing difficulty persists, seek medical attention.

Eyes: In case of contact, do not rub or scratch your eyes. Immediately flush eyes with water for 15 minutes. Remove contact lenses. Seek medical attention if irritation persists.

Skin: Flush and wash skin with mild soap and water. Utilize lotions to alleviate dryness if present. Seek medical attention if irritation persists.

Ingestion: This product is not intended to be ingested or eaten. Large amounts of ingestion may cause abdominal discomfort or possible obstruction of digestive tract. If gastric disturbance occurs, seek medical attention.

Medical Conditions Which May Be Aggravated: Pre-existing upper respiratory and lung diseases such as, but not limited to, bronchitis, emphysema and asthma. Pr-existing skin diseases such as, but not limited to, rashes and dermatitis.

Section 5 – Fire Fighting Measures

Flash Point	N/A. Dry powder, non combustible
Special firefighting procedures	None. Wear appropriate personal protective equipment. See section 8.
Hazardous Combustion Products	Above 800° C, limestone may decompose to calcium oxide and release carbon dioxide (CO ₂)
Upper Flammable Limit (UFL)	Not Determined
Lower Flammable Limit (LFL)	Not Determined
Auto Ignition	Not Applicable
Flammability Classification	Not Applicable
Rate of Burning	Not Applicable
Extinguishing Media	Dry chemical, foam, water, fog or spray or extinguishing media appropriate for surrounding fire.
Unusual Fire/Explosion Hazards	None Known
Flammable Properties	Not flammable or combustible. NFPA Hazard Class No: 1/0/0

Section 6 - Accidental Release Measures

Containment: No special precautions.

- Wear appropriate personal protective equipment. See section 8
- Shovel or scoop spilled material back into container for disposal
- Maintain proper ventilation to minimize dust
- Avoid washing material down drains. This material may eventually set and can cause clogs. Never discharge large releases directly into sewers or surface waters.
- Waste material is not a hazardous waste. Dispose of in accordance with applicable federal, state and local regulations.

Section 7 – Handling & Storage

Spill procedure: Sweep up slowly, minimizing dust, bag for disposal, was area with water.

Landfill: In accordance with regulations.

Avoid dust/mist contact with eyes and skin. Wear appropriate eye and skin protective equipment. Minimize generation of mists while spraying. Avoid breathing dust/mist. Wear appropriate respiratory protection against dust/mist in poorly ventilated areas and if TLV is exceeded (see Sections 2 & 8).

Store in a cool, dry, ventilated area away from sources of heat, moisture and incompatibilities (see Section 10). Keep containers closed when not in use.

Section 8 - Exposure Controls/Personal Protection

Material	CAS #	Permissible Exposure Limit	Threshold Limit Value
Calcium Carbonate	CAS# 1317-65-3	15/5 (R)	10
Mica	CAS# 12001-26-2	20 mppcf	3 (R)
Perlite	CAS# 93763-70-3	15	10(R)
Attapulgate Clay	CAS# 12174-11-7	15	10
Starch	CAS# 9005-25-8	5	NE
Polystyrene	CAS# 9003-53-6	NE	NE
Titanium Dioxide	CAS# 13463-67-7	10/5 (R)	10
Hydroxyethylcellulose	CAS# 9004-62-4	NE	NE
Hydroxypropylmethylcellulose	CAS# 9004-65-3	NE	NE
Polyvinyl alcohol	CAS# 9002-89-5	NE	NE
Sod. Polymethacrylate	CAS# 54193-36-1	NE	NE
Quartz*	CAS#148-60-7	10	10

* as a natural occurring constituent

(R) = Respirable Dust; NE = Not Established; mppcf = million particles per cubic foot; T = Total; C = Ceiling; STEL = Short-term exposure limit; F = Fume; Du = Dust; M = Mist

Engineering Controls

- Provide ventilation sufficient to control airborne dust/mist levels below the PEL/TLV. Where general ventilation is inadequate, use process enclosures, local exhaust ventilation, or other engineering controls to control dust/mist levels below permissible exposure limits.

Personal Protective Equipment

- **Respiratory Protection:** Wear a NIOSH/MSHA approved respirator equipped with particulate cartridges when dusty or misty in poorly ventilated areas, and if TLV is exceeded. A respiratory program that meets OSHA's 29 DFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. If engineering controls are not possible, wear a properly fitted NIOSH/MSHA approved particulate respirator.
- **Eye Protection:** Wear safety glasses or goggles.
- **Skin Protection:** Gloves, protective clothing and/or barrier creams may be utilized if conditions warrant.

Section 9 – Properties

Appearance & Odor	Off White Powder (w/o) aggregate, no odor
Solubility in Water	<3%
Odor Threshold	Not Determined
Physical State	Solid/Powder
pH@25°C	~7-8.5
Melting Point	Not Applicable
Freezing Point	Not Applicable
Boiling Point	Not Applicable
Vapor Density (Air = 1)	Not Applicable
Specific Gravity (H2O = 1)	0.4-0.9
Partition Coefficient	Not Determined
Auto-ignition Temp	Not Determined
Decomposition Temp	Not Determined
Viscosity	Not Applicable
Particle Size	99% finer than 600 microns
Flash Point	Not Determined
Evaporation Rate (BuAc = 1)	Not Applicable
Upper Flammable Limit (UFL)	Not Determined
Lower Flammable Limit (LFL)	Not Determined
Vapor Pressure (mm Hg)	~24 mmHg @ 25° C
Bulk Density	0.4-0.9 Kg/L
Molecular Weight	Mixture
VOC content	Zero g/L
Percent Volatile	Zero

Section 10- Chemical Stability and Reactivity

Stability	CO2 released when heated to decomposition.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition	Above 800° C limestone may decompose to calcium oxide (CaO) and carbon dioxide (CO2)
Incompatibility	Strong Acids
Conditions to avoid	Contact with strong acids may result in generation of CO2.

Section 11 – Toxicological Information

There is no information on toxicokinetics, metabolism and distribution.

This product contains quartz (crystalline silica as a naturally occurring contaminant. Exposures to respirable crystalline silica are not expected during the normal use of this product; however, actual levels must be determined by workplace hygiene testing. The weight percent of respirable crystalline silica may not have been measure in this product. Prolonged and repeated exposure to airborne free respirable crystalline silica can result in lung disease (i.e. silicosis) and/or lung cancer. The development of silicosis may increase the risks of additional health effects. Smoking in combination with silica exposures increases the risk of cancer. The risk of developing silicosis is dependent upon the exposure intensity and duration.

In June, 1997, IARC classified crystalline silica (quartz and cristobalite) as a human carcinogen. In making the overall evaluation, the IRC Working Group noted that carcinogenicity in humans was not detected in all industrial circumstances studied. Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs.

IAR states that crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1). The National Toxicology Program (NTP) classifies respirable crystalline silica as a substance, which may be reasonably anticipated to be a carcinogen. OSHA does not regulate crystalline silica as a human carcinogen.

Some products may contain attapulgite clay. IARC classifies attapulgite (long fiber) carcinogenic to humans, Group 2B. Attapulgite is not classified as a carcinogen by NTP or OSHA.

Section 12 – Ecological Information

This product has no known adverse effect on ecology. Ecotoxicological information is not determined. Limestone is a naturally occurring mineral. Biodegradation and/or bioaccumulation potential is not applicable.

Section 13 – Disposal Information

This material is not considered a hazardous mineral. Dispose of material in accordance with federal, state, and local regulations. Never discharge directly into sewers or surface waters. Consult with environmental regulatory agencies for guidance on acceptable disposal practices.

Section 14 – Transport Information

- This material is not a DOT hazardous material per DOT shipping requirements. Not classified or regulated.
- Shipping Name: Same as product name
- Hazard class: Not classified
- UN/NA#: None. Not classified
- Packing Group: None
- Label (s) required: Not applicable
- GGVSec/MDG-Code: Not classified
- ICAO/IATA-DGR: Not applicable
- RID/ADR: None
- ADNR: None

Section 15 – Regulatory Information

All ingredients of this product are included in the U.S. Environmental Protection Agency's Toxic Substances Control Act Chemical Substance inventory.

Federal Regulations:

- SARA title iii: Not listed under Sections 302, 304 and 313
- CERCLS: Not listed
- RCRA: Not listed
- OSHA: Dust and potential respirable crystalline silica generated during product use may be hazardous.



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State Regulations:

California Prop 65: Respirable crystalline silica is known to the state of California to cause cancer. Industrial hygiene monitoring during recommended use of this product failed to identify any respirable crystalline silica.

Canadian Regulations:

This product has been classified in accordance with the hazard criteria of Controlled Product Regulations and the MSDSA contains all the information required by the Controlled Products Regulations. All ingredients of this product are included in the Canadian Domestic Substances List (DSL).

Section 16 – Other Information

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It may not be valid for this material if it is used in combination with any other material. It is offered for your consideration, investigation, and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable federal, state and local laws and regulations. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of the material. Magnum Products makes no warranties of any kind, expressed or implied, concerning the accuracy of completeness of the information and data herein. The implied warranties of merchantability and fitness for a particular purpose are specifically excluded. Magnum Products will not be liable for claims relating to any party's use of or reliance on information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete or otherwise misleading. This material safety data sheet was prepared to comply with the OSHA Hazard Communication Standard (29 DFR 1910.1200) and with the Workplace Hazardous materials Information System (WHMIS).

Key/Legend

ACGIH	American Conference of Governmental Industrial Hygienists
ANSI	American National Standards Institute
CAA	Clean Air Act
CAS	Chemical Abstracts Service (Registry Number)
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
CFR	Code of Federal Regulations
DOT	Department of Transportation
DSL	Canadian Domestic Substances List
EPA	United States Department of Transportation
EPCRA	Emergency Planning & community right-to-know Act
HEPA	High Efficiency Particulate Air
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association

ICAO	International Civil Aviation Organization
IMO	International Maritime Organization
MSHA	Mine Safety and Health Administration
NDSL	Canadian Non-Domestic Substances List
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Health and Safety Administration
PEL	Permissible Exposure Limit
PPE	Personal Protection Equipment
RCRA	Resource Conservation and Recovery Act
SARA	Superfund Amendments and Reauthorization Act of 1986
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
UN/NA#	United Nations/North America number
WHMIS	Workplace Hazardous Material Information System