P.O. Box 15868
15740 W. 108th St.
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-1011; 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
Night Phone: (913) 894-2382
Fax: (913) 888-5167

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.

	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)
Attupulgite 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

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 (CO2)**
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 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)
Attupulgite 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 OSHAs 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 (H20 = 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	**CO_2 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 (CO_2)**
Incompatibility	**Strong Acids**
Conditions to avoid	**Contact with strong acids may result in generation of CO_2.**

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.**

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 don 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 & co0mmunity 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**