

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015 Issue date: 12/16/2022 Revision date: 12/16/2022 Version: 1.0

SECTION 1: Identification	
1.1. Identification	
Product form Product name Product type Other means of identification	 Mixture Dolomitic Slaked Lime Putty Solid NIAGARA MATURE LIME PUTTY, Dolomitic Hydrated Lime Putty, Hydrated lime Putty, Fully Slaked Dolomitic Lime Putty.
1.2. Recommended use and restrictions or	n use
Use of the substance/mixture	: Masonry mortar, plaster, stucco, fresco paints.
1.3. Supplier	
Manufacturer GRAYMONT #200-10991 Shellbridge Way Richmond, BC V6X 3C6 - Canada T 1 604 207-4292; Toll free1 866 207-4292 - F 1 60 www.graymont.com	DistributorGraymont Western US Inc585 W Southridge WaySandy, Utah 84070 - United States14 207-9014T +1 801-262-3942
1.4. Emergency telephone number	
Emergency number	: CHEMTREC 1 (800) 424-9300 CHEMTREC International +1 (703) 527-3887 24 hr

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS classification

Skin corrosion/irritation, Category 2 Serious eye damage/eye irritation, Category 1 Carcinogenicity Category 1A Specific target organ toxicity – Single exposure, Category 3 Specific target organ toxicity – Repeated exposure, Category 1

2.2. GHS Label elements, including precautionary statements

GHS labelling	
Hazard pictograms (GHS)	
Signal word (GHS)	: Danger
Hazard statements (GHS)	: Causes skin irritation.
	Causes serious eye damage.
	May cause respiratory irritation.
	May cause cancer (inhalation).
	Causes damage to organs (lungs) through prolonged or repeated exposure.
Precautionary statements (GHS)	: Obtain special instructions before use.
	Do not handle until all safety precautions have been read and understood.

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Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands, forearms and face thoroughly after handling. Do not eat, drink or smoke when using this product Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. If exposed or concerned: Get medical advice/attention. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%
Magnesium oxide (MgO)	Magnesium oxide (MgO) Calcined magnesite / Magnesium oxide / MAGNESIUM OXIDE / Magnesia	CAS-No.: 1309-48-4	50 – 75
Calcium hydroxide	Calcium hydroxide Calcium dihydroxide / Calcium hydroxide (Ca(OH)2) / Hydrated lime / Lime, hydrated / CALCIUM HYDROXIDE / Slaked lime	CAS-No.: 1305-62-0	30 – 60
Quartz	Quartz Quartz (SiO2) / Silica, crystalline, quartz / Crystalline silica, quartz / .alphaQuartz / Silica, crystalline, .alphaquartz / QUARTZ / Crystalline silica in the form of quartz / Quartz, silica / Quartz (respirable fraction) / Silica dust / Silica, crystalline- .alpha.quartz / Silica, .alphaquartz / Silicon dioxide / Silica, quartz / Silica, crystalline / Quartz (crystalline silica) / Silica dust, crystalline / QUARTZ POWDER / Silica, crystalline (quartz)	CAS-No.: 14808-60-7	0.0001 – 1

Comments

: Crystalline silica has been found in some products at or above detection level 0.1%. Concentration is dependent upon limestone source.

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Any concentration shown as a range is to protect confidentiality or is due to batch variation. If a generic chemical name is shown and/or the CAS number is not disclosed, the specific chemical identity has been withheld as a trade secret.

SECTION 4: First-aid measures	
4.1. Description of first aid measures	
First-aid measures general First-aid measures after inhalation First-aid measures after skin contact	 IF exposed or concerned: Get medical advice/attention. If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before
First-aid measures after eye contact	 reuse. If skin irritation occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
First-aid measures after ingestion	: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.
4.2. Most important symptoms and effective	ects (acute and delayed)
Symptoms/effects after inhalation Symptoms/effects after skin contact	 May cause irritation to the respiratory tract. Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. May cause burns in the presence of moisture. Skin contact during hydration may slowly develop sufficient heat that may cause severe burns possibly resulting in permanent injury. Do not allow product to harden around any body part or allow continuous, prolonged contact with skin. Handling can cause dry skin.
Symptoms/effects after eye contact	: Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.
Symptoms/effects after ingestion	: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic symptoms	: May cause cancer. Causes damage to organs through prolonged or repeated exposure.
4.3. Immediate medical attention and s	special treatment, if necessary

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Fire-fighting measures			
5.1. Suitable (and unsuitable) extinguis	shing media		
Suitable extinguishing media Unsuitable extinguishing media	Use extinguishing media appropriate for surrounding fire.Do not use water jet.		
5.2. Specific hazards arising from the chemical			
Fire hazard	: None.		
5.3. Special protective equipment and precautions for fire-fighters			
Protection during firefighting	: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).		

SECTION 6: Accidental release measures
6.1. Personal precautions, protective equipment and emergency procedures

General measures

: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

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6.1.1. For non-emergency personnel	
No additional information available	
6.1.2. For emergency responders	
No additional information available	
6.2. Environmental precautions	
Prevent entry to sewers and public waters.	
6.3. Methods and material for containmen	t and cleaning up
For containment	 Contain spill, then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
Methods for cleaning up	: Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor Provide ventilation.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling Hygiene measures	 Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Do not breathe dust. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Use only outdoors or in a well-ventilated area. Avoid generating dust. The use of compressed air for cleaning clothing, equipment, etc, is not recommended. Good housekeeping is important to prevent accumulation of dust. Wear appropriate PPE (see Section 8). Wash contaminated clothing before reuse. Always wash hands after handling the product.
7.2. Conditions for safe storage, including	any incompatibilities
Storage conditions	: Keep out of the reach of children. Keep container tightly closed. Store locked up. Store in a well- ventilated place. Store in dust-tight, dry, labelled containers. Avoid any dust buildup by frequent cleaning and suitable construction of the storage area.

SECTION 8: Exposure controls/personal protection		
8.1. Control parameters		
Dolomitic Slaked Lime Putty		
No additional information available		
Calcium hydroxide (1305-62-0)		
Canada (Alberta) - Occupational Exposure Limits		
OEL TWA	5 mg/m³	
Canada (British Columbia) - Occupational Exposure Limits		
OEL TWA	5 mg/m³	
Canada (Ontario) - Occupational Exposure Limits		
OEL TWA	5 mg/m³	

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Calcium hydroxide (1305-62-0)		
Canada (Quebec) - Occupational Exposure Limits		
VEMP (OEL TWA)	5 mg/m ³	
Canada (Saskatchewan) - Occupational Exposure Limits		
OEL TWA	5 mg/m³	
OEL STEL	10 mg/m ³	
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA	5 mg/m³	
USA - OSHA - Occupational Exposure Limits		
OSHA PEL TWA [1]	15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction)	
USA - NIOSH - Occupational Exposure Limits		
NIOSH REL TWA	5 mg/m³	
USA - MSHA - Occupational Exposure Limits		
MSHA PEL TWA 8/40 h	5 mg/m ³	
Magnesium oxide (MgO) (1309-48-4)		
Canada (Alberta) - Occupational Exposure Limits		
OEL TWA	10 mg/m³ (fume)	
Canada (British Columbia) - Occupational Exposure	e Limits	
OEL TWA	10 mg/m³ (fume, inhalable) 3 mg/m³ (respirable dust and fume)	
OEL STEL	10 mg/m³ (respirable dust and fume)	
Canada (Ontario) - Occupational Exposure Limits		
OEL TWA	10 mg/m ³ (inhalable particulate matter)	
Canada (Quebec) - Occupational Exposure Limits		
VEMP (OEL TWA)	10 mg/m ³ (inhalable dust)	
Canada (Saskatchewan) - Occupational Exposure Limits		
OEL TWA	10 mg/m ³ (inhalable fraction)	
OEL STEL	20 mg/m ³ (inhalable fraction)	
USA - ACGIH - Occupational Exposure Limits		
ACGIH OEL TWA	10 mg/m ³ (inhalable particulate matter)	
ACGIH chemical category	Not Classifiable as a Human Carcinogen	
USA - OSHA - Occupational Exposure Limits		
OSHA PEL TWA [1]	15 mg/m ³ (fume, total particulate)	
USA - IDLH - Occupational Exposure Limits		
IDLH	750 mg/m ³ (fume)	
USA - MSHA - Occupational Exposure Limits		
MSHA PEL TWA 8/40 h	10 mg/m ³ (inhalable particulate matter)	
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Quartz (14808-60-7)		
Canada (Alberta) - Occupational Exposure Li	mits	
Local name	Silica-Crystalline: Quartz	
OEL TWA	0.025 mg/m ³ (respirable particulate)	
Notations and remarks	Carcinogenicity A2	
Regulatory reference	Alberta Regulation 191/2021	
Canada (British Columbia) - Occupational Ex	posure Limits	
Local name	Silica, Crystalline - alpha quartz	
OEL TWA	0.025 mg/m ³ (respirable)	
Notations and remarks	ACGIH Carcinogenicity category A2; IARC group 1 carcinogen	
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)	
Canada (Ontario) - Occupational Exposure Li	mits	
OEL TWA	0.1 mg/m ³ (designated substances regulation-respirable fraction (Silica, crystalline)	
Canada (Quebec) - Occupational Exposure Li	mits	
VEMP (OEL TWA)	0.1 mg/m ³ (respirable dust)	
Canada (Saskatchewan) - Occupational Expo	sure Limits	
OEL TWA	0.05 mg/m ³ (Trydimite removed-respirable fraction (Silica - crystalline (Trydimite removed))	
USA - ACGIH - Occupational Exposure Limits		
Local name	Silica crystaline - quartz	
ACGIH OEL TWA	0.025 mg/m ³ (respirable particulate matter)	
Remark (ACGIH)	TLV® Basis: Pulm fibrosis; lung cancer. Notations: A2 (Suspected Human Carcinogen)	
ACGIH chemical category	Suspected Human Carcinogen	
Regulatory reference	ACGIH 2022	
USA - OSHA - Occupational Exposure Limits		
Local name	Quartz (Total Dust) (Silica: Crystalline)	
OSHA PEL TWA [1]	50 μg/m³ (Respirable crystalline silica)	
Remark (OSHA)	Table Z-3. For OSHA PEL (TWA) use formula: (30 mg/m3 / (%SiO2+2)) for mg/m3. CAS No. source: eCFR Table Z-1.	
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-3 Mineral Dusts	
USA - IDLH - Occupational Exposure Limits		
IDLH	50 mg/m ³ (respirable dust)	
USA - NIOSH - Occupational Exposure Limits		
NIOSH REL TWA	0.05 mg/m ³ (respirable dust)	
USA - MSHA - Occupational Exposure Limits		
MSHA PEL TWA 8/40 h	30 mg/m ³ / (%SiO2) + 2 mg/m ³ (Total dust) 10 mg/m ³ / (%SiO2) + 2 mg/m ³ (Respirable dust)	
8.2. Appropriate engineering controls		
Appropriate engineering controls	: Ensure good ventilation of the work station. Provide readily accessible eye wash stations and safety showers.	

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Environmental exposure controls

: Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Wear suitable gloves resistant to chemical penetration

Eye protection:

If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/ or face shield.

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: White
Odour	: Earthy
Odour threshold	: No data available
pH	: 12.45 at 25°C (77 °F)
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: Not applicable
Relative evaporation rate (butylacetate=1)	: Not applicable
Flammability	: Not applicable
Vapour pressure	: Not applicable
Relative vapour density at 20°C / 68 °F	: Not applicable
Relative density	: 1.5 – 1.9
Density	: 1.5 – 1.9 g/cm ³
Solubility	: Water: 0.1 g/100ml at 20 °C (68 °F)
Partition coefficient n-octanol/water	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosive limits	: Not applicable
Explosive properties	: No data available
Oxidising properties	: No data available

9.2. Other information

No additional information available

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SECTION 10: Stability and reactivity

10.1. Reactivity

No specific test data related to reactivity available for this product or its ingredients.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Incompatible materials.

10.5. Incompatible materials

Oxidizing materials. Acids.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information		
11.1. Information on toxicological effects		
Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation)	Not classified. Not classified. Not classified.	
Calcium hydroxide (1305-62-0)		
LD50 oral rat	7340 mg/kg	
LD50 dermal rat	> 2500 mg/kg	
LC50 inhalation rat	> 6.04 mg/l/4h	
ATE CA (oral)	7340 mg/kg bodyweight	
Magnesium oxide (MgO) (1309-48-4)		
LD50 oral rat	3870 mg/kg	
ATE CA (oral)	3870 mg/kg bodyweight	
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/irritation	pH: 12.45 at 25°C (77 °F) Causes serious eye damage. pH: 12.45 at 25°C (77 °F)	
Respiratory or skin sensitisation	Not classified.	
Germ cell mutagenicity	Not classified.	
Carcinogenicity	May cause cancer if inhaled. Risk of cancer depends on duration and level of exposure.	
Quartz (14808-60-7)		
IARC group	1 - Carcinogenic to humans	
National Toxicology Program (NTP) Status	Known Human Carcinogens	
In OSHA Hazard Communication Carcinogen list	Yes	
Reproductive toxicity	Not classified.	

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STOT-single exposure	May cause respiratory irritation.
Calcium hydroxide (1305-62-0)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure :	Causes damage to organs through prolonged or repeated exposure.
Quartz (14808-60-7)	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard :	Not classified.
Dolomitic Slaked Lime Putty	
Viscosity, kinematic	Not applicable
Symptoms/effects after inhalation :	May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. May cause burns in the presence of moisture. Skin contact during hydration may slowly develop sufficient heat that may cause severe burns possibly resulting in permanent injury. Do not allow product to harden around any body part or allow continuous, prolonged contact with skin. Handling can cause dry skin.
Symptoms/effects after eye contact	Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.
Symptoms/effects after ingestion	May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic symptoms : Other information :	May cause cancer. Causes damage to organs through prolonged or repeated exposure. Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12: Ecological information		
12.1. Toxicity		
Ecology - general :	No known significant effects or critical hazards.	
12.2. Persistence and degradability		
Dolomitic Slaked Lime Putty		
Persistence and degradability	Not established.	
12.3. Bioaccumulative potential		
Dolomitic Slaked Lime Putty		
Partition coefficient n-octanol/water	Not applicable	
Bioaccumulative potential	Not established.	
Calcium hydroxide (1305-62-0)		
BCF - Fish [1]	(no bioaccumulation)	
12.4. Mobility in soil		
No additional information available		
12.5. Other adverse effects		
Other information :	No other effects known.	

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SECTION 13: Disposal considerations	S
13.1. Disposal methods	
Product/Packaging disposal recommendations	: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
SECTION 14: Transport information	
In accordance with DOT / TDG / IMDG / IATA	
14.1. UN number	
Not regulated for transport	
14.2. UN proper shipping name	
Proper Shipping Name (DOT) Proper Shipping Name (TDG) Proper Shipping Name (IMDG) Proper Shipping Name (IATA)	 Not applicable Not applicable Not applicable Not applicable
14.3. Transport hazard class(es)	
DOT Transport hazard class(es) (DOT)	: Not applicable
TDG Transport hazard class(es) (TDG)	: Not applicable
IMDG Transport hazard class(es) (IMDG)	: Not applicable
IATA Transport hazard class(es) (IATA)	: Not applicable
14.4. Packing group	
Packing group (DOT) Packing group (TDG) Packing group (IMDG) Packing group (IATA)	 Not applicable Not applicable Not applicable Not applicable
14.5. Environmental hazards	
Other information	: No supplementary information available.
14.6. Special precautions for user	
Special transport precautions DOT No data available	: Do not handle until all safety precautions have been read and understood.
TDG No data available	
IMDG No data available	

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IATA

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

15.2. International regulations

No additional information available

15.3. US State regulations

🗥 WARNING:

This product can expose you to Silica, respirable crystalline, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Component	State or local regulations
Calcium hydroxide(1305-62-0)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List; U.S Massachusetts - Right To Know List
Magnesium oxide (MgO)(1309-48-4)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List; U.S Massachusetts - Right To Know List
Quartz(14808-60-7)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List; U.S Massachusetts - Right To Know List

SECTION 16: Other information

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Other information Prepared by

- : None.
- : Nexreg Compliance Inc.

www.Nexreg.com



Full text of H-statements		
Carc. 1A	Carcinogenicity, Category 1A	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
STOT RE 1	Specific target organ toxicity – Repeated exposure, Category 1	
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	

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