

SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Good Earth - Investment Powder
Product Number: 805001, 805002
Chemical Name: Silicon Dioxide
Chemical Family: Silica (Quartz)
CAS Number: Blend

Company Identification

Nobilium, Div. of CMP Industries LLC
413 North Pearl St
Albany, NY 12207-1311 USA
(518)-434-3147 (For product information)
(800)-424-9300 (For emergencies)
1-800-424-9300 or 1-202-483-7616 (CHEMTREC)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

WARNING: May cause eye irritation. Inhalation of dust may cause mucous membrane and respiratory irritation. Prolonged overexposure to respirable crystalline silica may cause lung disease (silicosis) and increase the risk of lung cancer. Risk of cancer depends on duration and level of exposure.

GHS Classification:

Serious eye damage/eye irritation Category 2A
Specific target organ toxicity-repeated exposure Category 2

GHS Hazard Symbols:

Irritant, Health Hazard



GHS Hazard Statements:

H319 - Causes serious eye irritation.
H373-May cause damage to organs through prolonged or repeated exposure.

GHS Precautionary Statements:

P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.



EYE:

Contact may cause mechanical irritation and possible injury.

SKIN:

May causes slight skin irritation.

INHALATION:

Inhalation of dust may cause irritation to the nose, throat and upper respiratory tract with coughing and shortness of breath.

INGESTION:

No adverse effects expected for normal, incidental ingestion. Large amounts may cause gastrointestinal irritation.

CHRONIC EFFECTS:

Excessive inhalation of respirable crystalline silica dust may cause a progressive, disabling and sometimes fatal lung disease called silicosis. Symptoms include cough, shortness of breath, wheezing, non-specific chest illness and reduced pulmonary function.

REPRODUCTIVE HAZARDS:

None.

CARCINOGENICITY INFORMATION:

Crystalline silica quartz is listed as 'Carcinogenic to Humans' Group 1 by IARC and 'Known to be a Human Carcinogen' by NTP.

MEDICAL CONDITIONS AGRAVATED BY EXPOSURE:

Individuals with pre-existing skin and respiratory disorders may be at increased risk from exposure.

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT LISTING:

Chemical Name	Amount	CAS Number
SILICA, CRYSTALLINE QUARTZ	99.0 %	14808-60-7
MAGNESIUM OXIDE	0.5 %	1309-48-4
SILICA, AMORPHOUS FUMED	< 0.1 %	7631-86-9

This product contains hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

As defined under Sara 311 and 312, this product contains materials that are acute, chronic hazards.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

Flush eye with large quantities of water, holding the eyelids apart. Get medical attention if irritation develops and persists.

SKIN CONTACT FIRST AID:

No first aid is generally required. Wash skin with soap and water after use.



INHALATION FIRST AID:

Remove to fresh air. If breathing is difficult, have qualified personnel give oxygen. Get medical attention.

INGESTION FIRST AID:

Large amounts may cause gastrointestinal discomfort. If swallowed, drink 1 or 2 glasses of water to dilute. Never give anything by mouth to an unconscious or convulsing person. Get medical attention.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

COC Flash Point: N/A

Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: N/A

UEL: N/A

FLAMMABLE PROPERTIES:

Not Flammable under normal conditions.

EXTINGUISHING MEDIA:

Use media appropriate to the surrounding fire.

FIRE & EXPLOSION HAZARDS:

None. known.

FIRE FIGHTING INSTRUCTIONS:

Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus in fire involving chemicals.

COMBUSTION PRODUCTS:

None.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Wear appropriate personal protective clothing as described in Section 8. Collect using dustless method (HEPA vacuum or wet method) and place in appropriate container for use. Do not use compressed air. Report releases as required by local, state and federal authorities.

Avoid contact with eyes. Do not breathe dust.

LARGE SPILLS PROCEDURE:

Wear appropriate protective clothing. Collect using dustless method(HEPA vacuum or wet method) and place in appropriate container for use. Do not use compressed air.

SMALL SPILLS PROCEDURE:

Same as large spill.

7. HANDLING AND STORAGE



HANDLING (PERSONNEL):

Avoid contact with eyes. Do not breathe dust. Wear protective equipment as described in Section 8. Use with adequate ventilation and proper dust collection methods to keep exposure level below occupational exposure limits. Wash thoroughly with soap and water after handling.

HANDLING (PHYSICAL ASPECTS):

Store in a dry and well ventilated place away from incompatible materials. Protect from physical damage.

STORAGE PRECAUTIONS:

Keep container closed when not in use/.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

If user operations generates dust, fume, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

EYE / FACE PROTECTION REQUIREMENTS:

Chemical goggles/safety glasses are recommended to avoid contact with eyes.

SKIN PROTECTION REQUIREMENTS:

Wear impervious gloves to minimize skin contamination.

RESPIRATORY PROTECTION REQUIREMENTS:

When there is potential for airborne exposure in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 or other applicable regulations and good industrial hygiene practice.

MISCELLANEOUS:

Use local/general ventilation.

EXPOSURE GUIDELINES:

SILICA, CRYSTALLINE QUARTZ

Recommended Exposure Limit: 0.05 mg/m³

OSHA PEL: 10 /% SiO₂ +2 TWA (respirable dust) mg/m³

OSHA TWA: 30 /% SiO₂ +2 TWA (total dust) mg/m³

ACGIH TWA: 0.025 mg/m³

MAGNESIUM OXIDE

OSHA PEL: 15 mg/m³

ACGIH TWA: 10 mg/m³

SILICA, AMORPHOUS FUMED

OSHA Ceiling Limit: 20 ppm, 80 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Powder
COLOR:	Off-white/Yellow
ODOR:	No odor
BOILING POINT:	4000 F
SOLUBILITY IN WATER:	Insoluble
SPECIFIC GRAVITY:	2.7 (Water = 1)



10. STABILITY AND REACTIVITY

STABILITY:

Stable.

POLYMERIZATION:

Product will not undergo polymerization.

INCOMPATIBILITY WITH OTHER MATERIALS:

Hydrofluoric acid will dissolve silica and produce a corrosive gas (Silicon tetrafluoride).

DECOMPOSITION:

Decomposition will not occur.

CONDITIONS TO AVOID:

N/A.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS:

Contact may cause mechanical irritation and possible injury.

SKIN EFFECTS:

No adverse effects are expected.

ACUTE ORAL EFFECTS:

No adverse effects expected for normal, incidental ingestion. Large amounts may cause gastrointestinal irritation.

ACUTE INHALATION EFFECTS:

Inhalation of dust may cause irritation to the nose, throat and upper respiratory tract with coughing and shortness of breath.

CHRONIC EFFECTS /:

Excessive inhalation of respirable crystalline silica dust may cause a progressive, disabling and sometimes fatal lung disease call silicosis. Symptoms include cough, shortness of breath, wheezing, non-specific chest illness and reduced pulmonary function.

SILICA, CRYSTALLINE QUARTZ

Test Code: Oral LD50

Species: Rat

Results: >22,500 mg/kg

12. ECOLOGICAL INFORMATION

SILICA, CRYSTALLINE QUARTZ

Test Code: LC50

Description: 72 hr

Species: Carp

Results: >10,000 mg/L



13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Dispose of waste material in accordance with all local, state/provincial, and national requirements.

14. TRANSPORT INFORMATION

PRODUCT LABEL:	Good Earth - Investment Powder
D.O.T. SHIPPING NAME:	Silica Sand
TECHNICAL SHIPPING NAME:	N/A
D.O.T. HAZARD CLASS:	N/A
UN NUMBER:	N/A

15. REGULATORY INFORMATION

REGULATORY LISTS SEARCHED:

01 = SARA 313	02 = CA Proposition 65
03 = SARA 302/304	04 = CERCLA 302.4
05 = ACGIH TWA	06 = ACGIH STEL
07 = ACGIH CALC TLV	08 = OSHA PEL
10 = OSHA CEILING	

REGULATORY DISCLOSURES:

California Proposition 65: This product contains the following substances known to the State of California to cause cancer: Crystalline Silica <99%.

EEC Symbols and Indications of Danger:

Harmful (Xn), Irritant (Xi)



R-Phrases:

R36/37 - Irritating to eyes and respiratory system.

R48/20 - Harmful: Danger of serious damage to health by prolonged exposure through inhalation.

S-Phrases:

S22 - Do not breathe dust.

S38 - In case of insufficient ventilation, wear suitable respiratory equipment.

Canadian Disclosure List

SILICA, CRYSTALLINE QUARTZ (14808-60-7)

SARA Title III - Section 313

Good Earth - Investment Powder (BLEND) --
SILICA, CRYSTALLINE QUARTZ (14808-60-7) --



RCRA Hazardous Substances

Good Earth - Investment Powder (BLEND) --

CA Proposition 65

SILICA, CRYSTALLINE QUARTZ (14808-60-7)

16. OTHER INFORMATION

REASON FOR ISSUE: Add current date to MSDS
PREPARED BY: John Nicpon
APPROVED BY: John Nicpon
TITLE: Quality Manager
APPROVAL DATE: March 9, 2018
SUPERCEDES DATE: March 25, 2015
RTN NUMBER: 00000062 (Official Copy)

HMIS Rating:

Health - 0*
Flammability - 0
Reactivity - 0

ABBREVIATIONS USED IN THIS MSDS:

TLV - THRESHOLD LIMIT VALUE	TWA - Time Weighted Average
STEL - SHORT TERM EXPOSURE LIMIT	TPQ - Threshold Planning Quantity
RQ - REPORTABLE QUANTITY	PEL - Permissible Exposure Limit
C - CEILING LIMIT	CAS - Chemical Abstract Service Number
NDA - NO DATA AVAILABLE	N/A - Not Applicable or Not Available

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of CMP Industries LLC. The data on this sheet are related only to the specific material designated herein. CMP Industries LLC assumes no legal responsibility for use or reliance upon these data.

END OF SAFETY DATA SHEET

