

SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Pumice - Niranium
Product Number: 809159, 809161
Chemical Family: Silica & Aluminum Oxide mixture
CAS Number: Blend

Company Identification

Niranium, 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:

Respiratory or skin Sensitization - Category 1
Carcinogenicity - Category 1

GHS Hazard Symbols:

Irritant, Health Hazard



GHS Hazard Statements:

H332 - Harmful if inhaled.
H335 - May cause respiratory irritation.

EYE:

Contact may cause mechanical irritation and possible injury.

SKIN:



May cause 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 sometime fatal lung disease called silicosis.

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.

TARGET ORGAN:

Overexposure may cause lung damage.

MEDICAL CONDITIONS AGRAVATED BY EXPOSURE:

Pre-existing upper respiratory and lung disease such as, but not limited to Bronchitis, Emphysema and Asthma. Inhalation of high levels of nuisance dust over long periods of time may make lungs more vulnerable to respiratory disease.

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT LISTING:

Chemical Name	Amount	CAS Number
SILICA, CRYSTALLINE QUARTZ	60.0 - 80.0 %	14808-60-7
PUMICE	40-20	1332-09-8

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 water for 15 minutes, 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 plenty of water after use.

INHALATION FIRST AID:



If breathing is difficult, remove to fresh air and have qualified personnel provide oxygen. Seek 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: None
UEL: None

FLAMMABLE PROPERTIES:

Not flammable under normal conditions.

EXTINGUISHING MEDIA:

Use media appropriate to the surrounding fire.

FIRE & EXPLOSION HAZARDS:

None known.

FIRE FIGHTING INSTRUCTIONS:

Avoid breathing smoke, fumes, and decomposition products. As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

COMBUSTION PRODUCTS:

None.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Wear appropriate personal protective equipment. Avoid contact with eyes and do not breathe dust.

INITIAL CONTAINMENT:

Wear appropriate 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.

LARGE SPILLS PROCEDURE:

Contain spilled material.

SMALL SPILLS PROCEDURE:

N/A.

7. HANDLING AND STORAGE



HANDLING (PERSONNEL):

Use care in handling/storage. Wash hands after handling.

HANDLING (PHYSICAL ASPECTS):

Store in a cool dry area.

STORAGE PRECAUTIONS:

Store in a cool dry place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

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

EYE / FACE PROTECTION REQUIREMENTS:

Chemical goggles are recommended to avoid contact with eyes.

SKIN PROTECTION REQUIREMENTS:

Wear protective gloves to minimize skin contamination. Wash hands thoroughly after handling.

RESPIRATORY PROTECTION REQUIREMENTS:

Atmospheric levels should be maintained below the exposure guideline.

EXPOSURE GUIDELINES:

SILICA, CRYSTALLINE QUARTZ

OSHA PEL: .1 mg/m³

OSHA TWA: .1 mg/m³

PUMICE

OSHA PEL: 15 mg/m³

OSHA TWA: 10 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Powder
COLOR:	Varies
ODOR:	None
SPECIFIC GRAVITY:	2.35 (Water = 1)

10. STABILITY AND REACTIVITY

STABILITY:

Stable.

POLYMERIZATION:

Product will not undergo polymerization.

INCOMPATIBILITY WITH OTHER MATERIALS:

Hydrofluoric Acid.



CONDITIONS TO AVOID:

May react with with hydroflouric acid to form toxic silicon tetrafluoride gas.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS:

Contact may cause mechanical irritation and possible injury.

SKIN EFFECTS:

No adverse effects are expected.

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 /:

May cause respiratory disease.

SILICA, CRYSTALLINE QUARTZ

Test Code: Oral LD50
Species: Rat
Results: >22,500 mg/kg

QUARTZ (SIO₂)

Test Code: LCLO
Species: Human
Results: 300 micrograms/m³/10 yr affects the liver.

12. ECOLOGICAL INFORMATION

MISCELLANEOUS:

Vacuum clean spillage. If sweeping is necessary use a dust suppressant.

SILICA, CRYSTALLINE QUARTZ

Test Code: LC50
Description: 72 hr
Species: Carp
Results: >10,000 mg/L

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

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

14. TRANSPORT INFORMATION

PRODUCT LABEL:

Pumice - Niranium



D.O.T. SHIPPING NAME: N/A
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
09 = CANADIAN WHMIS	10 = OSHA Ceiling

EEC Symbols and Indications of Danger:

Harmful (Xn)



R-Phrases:

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.

WHMIS Hazard Symbols:

Class D2 - Materials Causing Other Toxic Effects



Canadian Disclosure List

SILICA, CRYSTALLINE QUARTZ (14808-60-7)

SARA Title III - Section 313

SILICA, CRYSTALLINE QUARTZ (14808-60-7) --

CA Proposition 65

SILICA, CRYSTALLINE QUARTZ (14808-60-7)

16. OTHER INFORMATION



REASON FOR ISSUE: Update name of product
PREPARED BY: John Nicpon
APPROVED BY: John Nicpon
TITLE: Quality Manager
APPROVAL DATE: March 26, 2015
SUPERCEDES DATE: November 4, 2013
RTN NUMBER: 00000008 (Official Copy)

HMIS Rating:

Health - 0
Flammability - 0
Reactivity - 0

NFPA Rating:

Health -
Flammability -
Reactivity -
Special Hazard - N/A

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

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END OF SAFETY DATA SHEET

