



---

**SECTION V - HEALTH HAZARD DATA (cont)**

---

PRIMARY ROUTE OF ENTRY- Inhalation and eyes.

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN: None

NTP: No

IARC: No

OSHA: No

EFFECTS OF EXPOSURE-

EYES- Mildly irritating. Excessive contact with powder can cause drying of mucous membranes of eyes due to absorption of moisture and oils. Heated product may cause burns.

SKIN- Mildly irritating. Heated product may cause burns.

INHALATION- Nuisance dust. Excessive contact with powder can cause drying of mucous membranes of nose and throat due to absorption of moisture and oils. This material can also cause nasal irritation and nosebleeds.

INGESTION- Not significantly toxic.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE- Persons with breathing problems or lung disease should not work in dusty areas unless a physician approves and certifies their fitness to wear respiratory protection. Pre-existing ailments of the eyes or respiratory tract.

---

**SECTION VI - EMERGENCY & FIRST AID PROCEDURES**

---

EYE CONTACT: Immediately rinse with clean water for 15 minutes. Retract eyelids often. Seek medical attention.

SKIN CONTACT: Immediately remove contaminated clothing. Wash skin thoroughly with mild soap and water. Flush with lukewarm water for 15 minutes. Seek medical attention if ill effect or irritation develops.

INHALATION: If overcome by exposure, remove victim to fresh air.

INGESTION: If appreciable quantity, seek medical attention.

---

**SECTION VII - REACTIVITY DATA**

---

STABILITY: Stable.

MATERIALS TO AVOID- Avoid alteration of product properties before reuse. Calcining, which may result in crystalline formation or mixing with additives may alter toxicological properties.

CONDITIONS TO AVOID- Avoid high temperatures (>400° C) treatment.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen when burned.

HAZARDOUS POLYMERIZATION: Will not occur.

---

---

**SECTION VIII - SPILL OR LEAK PROCEDURES**


---

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: MINIMIZE SPILL AREA. Vacuum spill material and place in closed plastic bags for disposal.

WASTE DISPOSAL METHOD: In accordance with local, state, and federal regulations.

---

**SECTION IX - SPECIAL PROTECTION INFORMATION**


---

RESPIRATORY PROTECTION: Use a respirator such as 3M 9900 or equivalent for protection against pneumoconiosis producing dusts.

VENTILATION: Provide explosion proof ventilation as required to control airborne dust levels. The sum total of all ingredients may emit vapors during normal processing. All possible health effects are not known and individual sensitivities will vary. Effective exhaust ventilation should always be provided to draw dust, fumes and vapors away from workers to prevent routine inhalation. Ventilation should be adequate to maintain ambient workplace atmosphere below the limits listed in Section V.

PROTECTIVE GLOVES: Impervious gloves to protect against contact with product.

EYE PROTECTION: Safety goggles.

OTHER PROTECTIVE EQUIPMENT: Protective clothing, eye wash station, safety shower.

---

**SECTION X - SPECIAL PRECAUTIONS**


---

HANDLING AND STORAGE: Handling can create explosive dust clouds. Eliminate ignition sources, use explosive proof equipment. Conveying and processing equipment should be spark-proof, well bonded and grounded. Avoid dust accumulations.

OTHER PRECAUTIONS: Wash with soap and water before eating, drinking, smoking, or using toilet facilities. Launder contaminated clothing before reuse.

---

**SECTION XI - REGULATORY INFORMATION**


---

TOXIC SUBSTANCE CONTROL ACT (TSCA):

The components of this product are contained on the Inventory of the Toxic Substance Control Act.

CHEMICAL INVENTORIES:

OSHA:

The component(s) listed below is identified as a hazardous chemical under the criteria of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

INGREDIENT	AMOUNT	ACGIH (TLV)	OSHA (PEL)	UNITS
Silicon Dioxide	28%	10	6	mg/m <sup>3</sup>

---

## SECTION XI - REGULATORY INFORMATION (Cont.)

## SARA 313 TOXIC CHEMICALS:

This product does not contain any toxic chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and the Pollution Prevention Act of 1990.

CAS REGISTRY #                      CHEMICAL NAME                      PERCENT BY WEIGHT

This information must be included in all MSDSs that are copied and distributed for this material.

## SECTION 311/312 - HAZARD CATEGORIES:

The physical and health hazard categories for the hazardous components exceeding the de minimis amount subject to reporting under Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372

Name of Chemical	Hazard	Percent in Product
Silicon Dioxide	Acute	28%

## ADDITIONAL RIGHT-TO-KNOW INFORMATION ON COMPONENTS:

Component	CAS#	Key
N/DA		

	Description		Description
	Reserved		MA Extraordinary Hazardous Substance above 1 ppm
	CA Listed Carcinogen		MA Toxic or Hazardous Substance above 1 %
	CA Listed Reproductive Toxin		NJ Hazardous Substance above 1 %
	PA Special Hazardous Substance above 0.01 %		NJ Special Health Hazard Substance above 0.1 %
	PA Hazardous Substance above 1 %		NJ Environmental Hazardous Substance above 1 %
	PA Non-Hazardous Substance above 3 %		NJ Non-Hazardous Substance above 1 %
	PA Non-Hazardous Substance above 5 %		Canadian WHMIS Ingredient DLS

---

TRANSPORTATION INFORMATION:

DOT Shipping Name: Not regulated

DOT Identification Number: Not regulated

---

SECTION XII - OTHER INFORMATION

---

Revision Note: Added CHEMTREC information.

Prepared by: James L. Pye, Jr.

Title: Safety Coordinator

---

N/A = Not applicable N/D = Not determined N/DA = No Data Available N/E = Not established

The information given in this MSDS was obtained from sources which we believe are reliable. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control, Natrochem, Inc. makes no warranty express or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon.