



Standard Sand & Silica Co., Inc.

Safety Data Sheet

GHS-United States

Section 1: Product and Company Identification

Product Names: Silica Sand

Synonym: Edgar Industrial Sand, Quartz Sand

Supplier/Manufacturer: Standard Sand & Silica Company, Inc.

1850 Hwy 17-92 N.
Davenport, FL 33837
863-422-7100 Phone
863-421-7349 Fax

Emergency Phone Number: 911

Product Use: Industrial and Construction

Section 2: Hazards Identification



Health Hazard (carcinogen)



Irritant (skin, eye, & respiratory tract)

Edgar Minerals sand is a naturally occurring mineral and contains crystalline silica levels of 98 to 100%.

• **CARCINOGENICITY:** This product contains crystalline silica. Repeated, prolonged inhalation of dust may cause delayed lung injury which may result in silicosis or pneumoconiosis. The International Agency For Research On Cancer in its publication, "IARC Monographs On the Evaluation Of The Carcinogenic Risk To Humans – Silica, Some Silicates, Coal Dust and Para-aramid Fibrils" - Volume 68, 1997, has concluded that there is sufficient evidence of the carcinogenicity of crystalline silica in humans, and has, therefore, classified crystalline silica in, Group 1, Carcinogenic to Humans. The National Toxicology Program's ("NTP's") Ninth Annual Report on Carcinogens 2000, lists crystalline silica (respirable) as a substance which is known to be a human carcinogen. In humans, a number of studies have found an association between lung cancer and exposure to dust containing respirable crystalline silica. In many of these studies, though not all, lung cancer risks were elevated and could not be explained by confounding factors such as cigarette smoking or arsenic or random inhalation. While the IARC working group concluded there was sufficient evidence in humans for the carcinogenicity of inhaled crystalline silica in the form of quartz or cristobalite, it noted that carcinogenicity in humans was not detected in all circumstances studied.

• **Note:** The state of California requires the following statement:

"Airborne particles of respirable size of crystalline silica are known to the State of California to cause cancer"

Section 3: Composition / Information on Ingredients

<u>Chemical</u>	<u>Formula</u>	<u>CAS & ICSC Numbers</u>	<u>Percentage</u>
Quartz (Crystalline Silica)	SiO ₂	Cas # 14808-60-7 ICSC # 0808	98.0 – 100%

Section 4: First-Aid Measures

SKIN CONTACT ABSORPTION: Inflammation from contact with open cuts may occur. Wash thoroughly with water.

INHALATION: Short Term: Shortness of breath, coughing associated with inhalation of dust. Long Term: May cause silicosis, a chronic disease of the lungs marked by acute fibrosis; may cause cancer. If inhalation occurs move to fresh air, consult physician and/or obtain competent medical assistance as necessary.

EYE CONTACT: Wash eyes with large amount of water or saline solution. If irritation or redness develops, get medical attention.

INGESTION: Consult physician and/or obtain competent medical assistance

Section 5: Fire-Fighting Measures



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Section 15: Regulatory Information

Canadian WHMIS: Hazardous product, D2A

CANADIAN DOMESTIC SUBSTANCES LIST: As a naturally occurring substance, EMI sand is considered to be on the Canadian DSL.

PNCA/CPMA HMIS RATING: Health (2) Flammability (0) Reactivity (0) Personal Protection (E)

U.S. CALIFORNIA PROPOSITION 65: This product contains materials regulated under California's Safe Drinking Water and Toxic Enforcement Act of 1986.

Hazardous Material Information System (U.S.A.)	National Fire Protection Association (U.S.A.)								
<table border="1"> <tr> <td>Health Hazard</td> <td>2</td> </tr> <tr> <td>Fire Hazard</td> <td>0</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> <tr> <td>Personal Protection</td> <td>E</td> </tr> </table> <p>* Chronic Potential</p>	Health Hazard	2	Fire Hazard	0	Reactivity	0	Personal Protection	E	<p>NFPA</p>
Health Hazard	2								
Fire Hazard	0								
Reactivity	0								
Personal Protection	E								
Protective Clothing (Pictograms)									
Wear NIOSH/MSHA approved dust mask when working in dust conditions. (N-95)									

Section 16: Other Information

For compliance with The Globally Harmonized System of Classification and Labeling of Chemicals (GHS) – prepared October 27, 2014
 This data sheet is subject to change without notice.

Information presented herein has been compiled from sources considered to be dependable and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so. Nothing herein is to be construed as recommending any practice or any product in violation of any patent or in violation of any law or regulation. It is the user's responsibility to determine for himself the suitability of any material for a specific purpose and to adopt such safety precautions as may be necessary. We make no warranty as to the results to be obtained in using any material and, since conditions of use are not under our control, we must necessarily disclaim all liability with respect to the use of any material supplied by us.