

	<h2>Product Safety Information (MSDS)</h2>	
	ID: IFI-CFR-003	Rev. 02, 05/24/2016

Silica Fume

1. Identification of the Product and Supplier

- § Product name: **Silica Fume**
- § Synonyms/Trade names: **Microsilica, Silica Powder, Amorphous silica, Silicon Dioxide Powder, Condensed SiO₂ – Fume**
- § CAS Number: **69012-64-2**
- § Product application: **Concrete Additive, Refractory Applications, Strengthening Agent**
- § Address/Phone No.: **Iran Ferroalloy Industries Co. (IFI)**
P.O. Box 15178/3169
Tel: (+98 21) 88 77 93 30 – 88 78 70 33 – 88 77 42 71
Fax: (+98 21) 88 88 20 43
www.iranferroalloys.com
- § Contact person: **Alaleh Shahani**, e-mail: export@iranferroalloys.com

2. Composition/Information on ingredients

Element	Symbol	CAS No.	Weight%
Silicon Dioxide	SiO ₂	69012-64-2	> 85
Carbon	C	7440-44-0	< 3
Sodium Oxide	Na ₂ O	1344-28-1	< 1.5
Aluminum Oxide	Al ₂ O ₃	1313-59-3	< 2
Potassium Oxide	K ₂ O	12136-45-7	< 2
Magnesium Oxide	MgO	1309-48-4	< 2
Calcium Oxide	CaO	1305-78-8	< 1

* The product may contain small amounts of crystalline quartz (< 0.5 %). The amount of respirable crystalline silica (quartz, cristobalite) in the product determined by X-ray diffraction is below 0.1 % and does not trigger any hazard classification.

3. Hazards Identification

Silica Fume is generally considered a nuisance dust of low toxicity. Use and handling of Silica Fume does not represent a health risk when normal safety rules are observed. Silica Fume when handled and stored in accordance with this document is unlikely to cause harmful effects. It is possible for Silica Fume to contain trace amounts (<0.5%) of crystalline silica, which has been shown to cause silicosis, and has been identified by IARC and NTP as a possible human carcinogen.

* The product is unlikely to cause harmful effects when handled and stored as advised. See section 7.

ID: IFI-CFR-003	Revision: 02	Issue Date: 05/24/2016
-----------------	--------------	------------------------