

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard.
29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. DEPARTMENT OF LABOR

Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No. 1218-0072

IDENTITY (As Used on Label and List) SILEX	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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Chemical Nature: Alumina Oxide CAS# is 24623-77-6, Amorphous Silica CAS# is 7631-86-9
Europe: EINECS# 231-545-4 EINECS# 246-368-8

Section I

Manufacturer's Name SOLARSUN, INC.	Emergency Telephone Number 631 941-4096
Address (Number, Street, City, State, and Zip Code) FLOWERFIELD INDUSTRIAL PARK, SETAUKET NY 11733-1503 USA ST. JAMES, NY 11780	Telephone Number for Information 631 941-4096
	Date Prepared 03/01/08
	Signature of Preparer (optional)

Section II --- Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Names(s)) OSHA PEL ACGIG TLV Other Limits % (optional)
NONE

Section III --- Ingredients/Identity Information

Components (Specific Chemical Identity; Common Names(s))

Alumina (also known as aluminum oxide and/or boehmite) CAS# 24623-77-6

Siica (also known as , Amorphous silicon and/or sand) CAS# 7631-86-9

FOOTNOTE: NE = NOT ESTABLISHED NR = NOT REQUIRED NA = NOT APPLICABLE

Section IV --- Physical/Chemical Characteristics

Boiling Point 100C / 212F	(WATER)	Specific Gravity (H2O=1)	1.14± .02
Vapor Pressure (mm Hg.) 20C / 68F	WATER 720MM	Percent, Volatile By Volume (%) H2O	80%
Vapor Density (AIR = 1)	1	Evaporation Rate (Butyl Acetate = 1)	SLOWER
Solubility in Water:	DILUTABLE	Freeze Point	0C / 32F
Appearance and Odor: CLOUDY WHITE LIQUID; NO ODOR			

Section V --- Fire and Explosion Hazard Data

Flash Point: NON-COMBUSTIBLE	Flammable Limits N.A.	NEL	UEL
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Extinguishing Media: USE MEDIA PROPER TO THE PRIMARY CAUSE OF THE FIRE

Special Fire fighting Procedures: N.A.

Unusual Fire and Explosion Hazards: N.A.

Section VI --- REACTIVITY DATA

Stability	Unstable		Conditions to Avoid N.A.
	Stable	X	

Incompatibility (Materials to Avoid): Alkaline materials will cause gellation

Hazardous Decomposition of Byproducts N.A.

Hazardous Polymerization	May Occur		Conditions to Avoid N.A.
	Will Not Occur	X	

Section VII --- Health and Hazard Data

Route(s) of Entry: Inhalation: No ill effects Skin: No ill effects Ingestion No ill effects

Health Hazards (Acute and Chronic) **INHALATION:** NONE **SKIN CONTACT:** NONE. **EYE CONTACT:** Direct contact may result in eye irritation.
While spraying Silex wear a simple gauze mask.

Carcinogenicity: NTP IARC: NO OSHA Regulated: NO

Toxicity Information: Amorphous Silicon Dioxide: N/A
Aluminum Oxide: N/A

Signs and Symptoms of Exposure N.A.

Medical Conditions
Generally Aggravated by Exposure N.A.

Emergency and First Aid Procedures: **EYE CONTACT:** Promptly flush eyes with water. Mildly acid, pH 5; Consult physician if splashed in eyes.

Section VIII --- Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Wash down spills with water.
Waste Disposal Method: Sewer or landfill.

Precautions to Be Taken in Handling and Storing: Temperature; max. 60C/140F, min. 2C/35F. Keep from freezing, product may coagulate.

Other Precautions: Do not store at elevated temperatures. Drums may rupture from excessive pressure (water and air).

Section IX --- Control Measures

Respiratory Protection (Specify Type) None required if good ventilation is used. Other wise wear MESA/NIOSH approved respirator suitable for concentrations encountered.

Ventilation	Local Exhaust: None required	Special:
	Mechanical: None required	Other:
Protective Gloves: No	Eye protection: Safety glasses with side shield.	

Other Protective Clothing or Equipment: Wear a simple gauze mask while spraying.

Hygienic Practices
