

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)
RGC Florida Ilmenite

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.

Section I

Manufacturer's Name RGC (USA) Mineral Sands Inc.	Emergency Telephone Number (904) 284-9832
Address (Number, Street, City, State, and ZIP Code) P. O. Box 1036 Green Cove Springs, Florida 32043	Telephone Number for Information (904) 284-9832
FERROUS TITANATE-TITANIC IRON ORE FeTiO ₂	Date Prepared May 15, 1992
	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Ilmenite mineral as shipped does not pose a hazard to health because the particles are larger than the respiratory size range. If product is ground, a nuisance dust will result. (SEE SECTION VI)				

Section III — Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	4.3
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water
Insoluble

Appearance and Color
Black, free-flowing solid, odorless.

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL N/A	UEL N/A
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Extinguishing Media
N/A

Special Fire Fighting Procedures
N/A

Unusual Fire and Explosion Hazards
N/A

sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid)
None

Hazardous Decomposition or Byproducts
None

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	No	No	No

Health Hazards (Acute and Chronic)

If product is ground to produce a dust, then exposed personnel may be protected by respiratory apparatus.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
NO	NO	NO	NO

Signs and Symptoms of Exposure
N/A

Medical Conditions Generally Aggravated by Exposure
N/A

Emergency and First Aid Procedures
N/A

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

Ilmenite material is chemically inert. Special clean-up procedures are not required should a spill occur.

Waste Disposal Method
N/A

Precautions to Be Taken in Handling and Storing
N/A

Other Precautions
N/A

Section VIII — Control Measures

Respiratory Protection (Specify Type)

If necessary use a dust approved respirator.

Ventilation	Local Exhaust	Special
	Mechanical (General)	Other
	N/A	N/A

Protective Gloves
N/A

Eye Protection
N/A

Other Protective Clothing or Equipment
N/A

Work/Hygiene Practices
N/A