Material Safety Data Sheet

Hematite (RXSOL-81-8136-050)

1. Product and Company Identifaction

Product Name	Hematite
Product Type	RXSOL-81-8136-050

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Stock Point ::: Mumbai, Kandla, Chennai, Ennore, Visakhapatnam, Kolkata, Fujairah

Phone	+91 22 27815541 / 42
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / informationon ingredients

Name	CAS#	% by Weight
Silica, crystalline, quartz	14808-60-7	0-5 %
Hematite	1317-60-8	95-100 %

3. Hazards Identification

EMERGENCY OVERVIEW	CAUTION! MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION. Avoid contact with eyes, skin and clothing. Avoid breathing airborne product. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling. This product is a/an red to black powder. May form explosive dust-air mixtures. Slippery when wet. Dike and contain spills. Keep out of sewers and waterways. No significant immediate hazards for emergency response personnel are known.
ACUTE EFFECTS:	
HEALTH HAZARDS, GENERAL:	Particulates may cause mechanical irritation to the eyes, nose, throat and lungs. Particulate inhalation may lead to pulmonary fibrosis, chronic bronchitis, emphysema and bronchial asthma. Dermatitis and asthma may result from short contact periods.
INHALATION	May be irritating to the respiratory tract if inhaled.
INGESTION	May cause gastric distress, nausea and vomiting if ingested.
SKIN	May be irritating to the skin.
EYES	May be irritating to the eyes.

4. First Aid Measures

Eye Contact	Promptly wash eyes with lots of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
Skin Contact	Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention if any discomfort continues.
General	Persons seeking medical attention should carry a copy of this MSDS with them.
Inhalation	Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Get medical attention.
Ingestion	Drink a couple of glasses water or milk. Do NOT induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person. Get medical attention.

5. Fire-fighting Measures

AUTO IGNITION TEMP. (°F)	N/D
FLAMMABILITY LIMIT - LOWER(%)	N/D
FLAMMABILITY LIMIT - UPPER(%)	N/D
EXTINGUISHING MEDIA	Use extinguishing media appropriate for surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES	No specific fire fighting procedure given.
UNUSUAL FIRE & EXPLOSION HAZARDS	No unusual fire or explosion hazards noted.
HAZARDOUS COMBUSTION PRODUCTS	This material is not combustible. No specific hazardous combustion products noted.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:
Wear proper personal protective equipment (see MSDS Section 8).

SPILL CLEAN-UP PROCEDURES:
Avoid generating and spreading of dust. Shovel into dry containers. Cover and move the containers. Flush the area with water. Do not contaminate drainage or waterways. Repackage or recycle if possible.

7. Handling and Storage

Handling precautions	Avoid handling causing generation of dust. Wear full protective clothing for prolonged exposure and/or high concentrations. Eye wash and emergency shower must be available at the work place. Wash hands often and change clothing when needed. Provide good ventilation. Mechanical ventilation or local exhaust ventilation is required.
Storage precautions:	Store at moderate temperatures in dry, well ventilated area. Keep in original container.

8. Exposure controls and personal protection

Engineering Controls	Use appropriate engineering controls such as, exhaust ventilation and process enclosure, to reduce air contamination and keep worker exposure below the applicable limits.
Ventilation	Supply natural or mechanical ventilation adequate to exhaust airborne product and keep exposures below the applicable limits.
Eye protection	Wear dust resistant safety goggles where there is danger of eye contact.
Protecative clothing:	Wear appropriate clothing to prevent repeated or prolonged skin contact.
Hygienic work practices	Wash promptly with soap and water if skin becomes contaminated. Change work clothing daily if there is any possibility of contamination.

9. Physical and chemical properties

COLOR	Red. to Black.
ODOR	Metallic.
SOLUBILITY DESCRIPTION	Insoluble in water
MELT./FREEZ. POINT (°F, interval)	2849
DENSITY/SPECIFIC GRAVITY (g/ml)	5.24
VAPOR DENSITY (air=1)	N/A
VAPOR PRESSURE	N/A

10. Stability and reactivity

Stability	Stable
Conditions to Avoid	Not relevant.
Hazardous polymerization	Will not polymerize.
Polymerization Description	Not relevant.
materials to avoid	Strong acids. Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS	No specific hazardous decomposition products noted

11. Toxicological information

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12. Ecological information

NA

13. Disposal considerations

Wast management:
This product does not meet the criteria of a hazardous waste if discarded in its purchased form. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixtures, processes, etc, may render the resultingmaterials hazardous. Empty containers retain residues. All labeled precautions must be observed

DISPOSAL METHODS:
Recover and reclaim or recycle, if practical. Should this product become a waste, dispose of in a permitted industrial landfill. Ensure that containers are empty by RCRA criteria prior to disposal in a permitted industrial landfill.

14. Transport information

NA

15. Regulatory information

NA

16. Other information

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