Material Safety Data Sheet

Hardness Indicator Powder Calmagite (RXSOL-60-6234-100)

1. Product and Company Identifaction

Product Name	Hardness Indicator Powder
Product Type	RXSOL-60-6234-100

Company Details:

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

Phone	+91 22 65113333 / 5555 / 9999
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
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2. Composition / informationon ingredients

SARA 313 Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
Hardness Indicator Powder		100%	W/W	

3. Hazards Identification

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

Physical state: Black Powder

Odor: None

OSHA/HCS status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Emergency Overview:May cause irritation to the skin. May cause moderate irritation to the eyes. Dusts may causeirritation to the upper respiratory tract. DOT hazard is not applicable

Inhalation: Dusts may cause irritation to the upper respiratory tract.

Ingestion: May cause slight gastrointestinal irritation.

Skin: May cause slight irritation to the skin.

Eyes: May cause moderate irritation to the eyes.

Chronic Exposure:No Information Found.

Aggravated by Exposure:No Information Found.

4. First Aid Measures

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts.Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

SKIN:	Wash exposed area with soap and water. If irritation persists, seek medical attention.
EYES:	Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally.Seek Medical Aid.
INHALATION:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION:	Get medical attention immediately. Wash out mouth with water. Move exposed person to fresh air. If exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel.

5. Fire-fighting Measures

Fire Extinguisher Type:	dry chemical, carbon dioxide, foam or water.
Fire / Explosion Hazards:	
Fire Fighting Procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.
Hazardous decomposition products:	Oxides of carbon,nitrogen and sulfur.

6. Accidental Release Measures

Sweep up and place in suitable (fiberboard) containers for reclamation or later disposal.

Ventilate Area of Leak or Spill. Wear Appropriate Personal Protective Equipment as Specified in Section 8. Spills: Sweep up and Containerize for Reclamation or Disposal. Vacuuming or Wet Sweeping may be Used to Avoid Dust Dispersal. Wet Area may be Slippery. Spread Sand / Grit. Water Contaminated with this Product may be Sent to a Sanitary Sewer Treatment Facility, in Accordance with any Local Agreement, a Permitted Waster Treatmenst Facility or Discharged Under a Permit. Product as is - Incinerate or Land Dispose in an Approved Landfill.

7. Handling and Storage

Store in a cool dry place. This Material is not considered hazardous. Handle using safe laboratory practices

8. Exposure controls and personal protection

Respiratory Protection	None required
Ventilation	Local
OTHER	Mechanical
Protective Gloves	Mechanical NIOSH Approved Gloves
EYE PROTECTION	Splash Goggles
Other Protective Equipment	Use safe laboratory handling procedures. Engineering measurers: Use only with adequate ventilation. Personal Protection: Use protective equipment in accordance with 29CFR 1910 subpart I. Eye protection: Chemical goggles Respiratory protection: A respiratory protection program that meets OSHA'S 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever use air purifying respirators within use limitations associated with the equipment or else use supplied air respirators. If air-purifying respirator use is appropriate, use any of the following particulate respirators: N95, N99, N100, R95, R99, R100, P95, P99 or P100. Hand protection: Rubber, butyl, viton or neoprene gloves - wash off after each use. Replace as necessary

9. Physical and chemical properties

BOILING POINT	information not available
VAPOR PRESSURE	1 mm Hg @865° C
MELTING POINT	information not available
VAPOR DENSITY	not available
EVAPORATION RATE	1.00
Appearance /Odors	Black powder / no odor
Flash Point	> 200 deg F
Specific Gravity	information not available
Percent Volatile by	Not applicable
Evaporation Standard	
Auto Ignition Temp	Not applicable
Lower Flamm. Limit in Air	Not applicable
Upper Flamm. Limit in Air	Not applicable
Solubility in Water	Soluble

10. Stability and reactivity

STABILITY	Stable
CONDITIONS TO AVOID	None known
MATERIALS TO AVOID	may react with strong oxides
HAZARDOUS DECOMPOSITION PRODUCTS	oxides of carbon, nitrogen and sulfur.
HAZARDOUS POLYMERIZATION	will not occur
Conditions to Avoid	None known

11. Toxicological information

Test Result Route Species
LD50 >2,000 mg/kg Oral Rat
LD50 >2,000 mg/kg Dermal Rabbit

Carcinogenic References: NTP Carcinogen - Known: No, IARC Category- None

12. Ecological information

No Information Found.

13. Disposal considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport information

DOT Hazard: Not applicable Proper Shipping Name: Not applicable

DOT emergency response guide #: Not applicable
Note: Some containers may be DOT exempt, please check BOL for exact container classification.
Hardness Indicator Powder

DOT Classification: Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

15. Regulatory information

No Information Found.

16. Other information

Flammability

Health Reactivity

Revisions	NFPA
7/30/2010	0.1 updated msds to 16 section from 10 section msds. STN
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