

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) Leonardite, Len-Ox, Lignite, Source Natural, Source Coarse, Source 11, Source 14	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, Address, Phone Contact

Leonardite Products, LLC (Plant Address) 13375 Highway 1804 Williston, ND 58801	Emergency Phone: 701-572-7659 Information Phone: 701-572-7659 Date Prepared: January 02, 2008
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Section II — Hazardous Ingredients/Identity Information — N/A

Section III — Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	1.4
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	N/A	Appearance and Odor	Dark Powder, No Odor

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	N/A	Flammable Limits	N/A
Extinguishing Media	N/A	Special Fire Fighting Procedures	Firefighters should wear self-contained positive pressure breathing apparatus and avoid skin contact.
Unusual Fire and Explosion Hazards	N/A		

Section V — Reactivity Data

Stability	STABLE	Conditions to Avoid	N/A
Incompatibility (Materials to Avoid)	N/A	Hazardous Decomposition or By-products	N/A
Hazardous Polymerization	WILL NOT OCCUR	Conditions to Avoid	N/A

Section VI — Health Hazard Data

Route(s) of Entry	INHALATION		
Health Hazards (Acute and Chronic)	Contains silica, may cause lung disease. Acute: None Known Chronic: The effects of long-term low-level exposures to this product have not been determined. Safe handling of this material on a long-term basis should emphasize the avoidance of all effects from repetitive exposures.		
Carcinogenicity	NTP? NO	IARC Monographs? NO	OSHA Regulated? NO
Signs and Symptoms of Exposure	N/A		
Medical Conditions Generally Aggravated by Exposure	NONE KNOWN		
Emergency and First Aid Procedures	INHALATION: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician. EYE OR SKIN CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelids open during flushing. Call a physician. Wipe or brush off as much material as possible from skin, then follow up with water. Sponge or rinse off remainder using water. Get medical attention if skin irritation occurs. INGESTION: If conscious, drink large quantities of water. Do not induce vomiting. Take immediately to a hospital or physician. If vomiting occurs, administer additional water. If unconscious or in convulsions, take immediately to a hospital. Do not attempt to induce vomiting or give anything by mouth to an unconscious person. NOTES TO PHYSICIAN INCLUDING ANTIDOTES: Treat symptomatically. CONTAINS SILICA: Silica may cause lung disease.		

Section VII — Precautions for Safe Handling and Use

In Case of Spill:	Sweep up spilled material being careful not to create dust.
Waste Deposit Method:	Recovered solids or liquids may be sent to a licensed reclaimer or disposed of in a permitted waste management facility.
Precautions for Handling and Storing:	Any person entering either a significant spill area or an unknown concentration of dust should use a NIOSH-approved respirator.

Section VIII — Control Measures

Ventilation/Local Exhaust:	SUGGESTED	Ventilation/Mechanical (General)	SUGGESTED
Protective Gloves:	N/A	Eye Protection:	N/A
Other Protective Clothing or Equipment:	Skin contact with dust should be minimized through use of gloves and suitable long-sleeved clothing selected with regard for use condition exposure potential.		
		Work/Hygienic Practices:	Wash hands prior to eating, drinking or using rest rooms.