
MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF SUBSTANCE & COMPANY PREPARING INFORMATION

Identity: Potter's Pens all colors and wax
Manufacturer's Name: Minnesota Clay
Address: 2960 Niagara Lane, Plymouth, MN 55447
Tel Phone: (763) 432-0875
Emergency Tel: None
Date Prepared: December 16, 2014
Replaces MSDS dated: N/A

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NUMBER	EXPOSURE LIMITS (mg/m ³)		LD ₅₀ mg/kg	LC ₅₀ mg/m ³
		PEL	TLV		
*Silica (Quartz)	14808-60-7	<u>10mg/m³</u> %Silica+2	0.025	NA	NA

*Except Wax pen. Harmful only when prolonged & excessive respiration of dry, airborne materials occurs. Exposure is highly unlikely because each unit contains .57 fluid ounces of material, and each pen is an air-tight container. This product has been certified AP Non-Toxic and labeling conforms to ASTM D-4236.

SECTION 3 - HAZARD IDENTIFICATION

Primary Route of Entry - Inhalation (dry form only), ingestion and dermal.

Hazards - May cause skin and eye irritation, Lung effects including cancer, silicosis

Silica, Crystalline (Quartz)

A single exposure will not result in serious adverse health effects.

Respirable crystalline silica (quartz) can cause silicosis, a fibrosis (scarring) of the lungs. Silicosis may be progressive; it may lead to disability and death. Crystalline silica (quartz) inhaled from occupational sources is classified as carcinogenic to humans. There are some studies that show excess numbers of cases of scleroderma and other connective tissue disorders in workers exposed to respirable crystalline silica. Silicosis increases the risk of tuberculosis. Some studies that show an increased incidence of chronic kidney disease and end-stage renal disease in workers exposed to respirable crystalline silica.

SECTION 4 - FIRST-AID MEASURES

Inhalation - Remove from exposure.
Dermal - Wash skin with soap and water.
Eye - Flush eyes with large quantities of water for at least 15 minutes. If irritation is present after washing, contact a physician.
Ingestion- Do not induce vomiting, contact a physician.

SECTION 5 - FIRE-FIGHTING MEASURES

Special Fire-Fighting Procedure - None
Unusual Fire or Explosion Hazards - None
Extinguishing Media - None
Hazardous Combustion Products - Unknown

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Procedures for Leaks or Spills - place in suitable container, and provide adequate ventilation. Wear personnel protective equipment (Goggles, glove, personal protective clothing).

SECTION 7 - HANDLING AND STORAGE

Engineer Control - use adequate ventilation
Procedure/Equipment - no specific requirement. See personal protective equipment.
Work Practices - use with adequate ventilation, avoid skin, eye and inhalation contact, wash hands
Storage - Store in a cool well-ventilated area.

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Measures - provide adequate ventilation
Personal Protective Equipment - wear chemical safety goggles, protective chemical resistant gloves, appropriate protective clothing

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance - White plastic pen	Percent Volatile - N/A
Explosive Properties - N/A	Vapor Density - N/A
Odor and Odor Threshold - N/A	Applicable Evaporation Rate - N/A
Partition Coefficient - N/A	Melting/Softening Point - None
pH - N/A	Freezing Point - N/A
Oxidizing Properties - N/A	Specific Gravity - N/A
Boiling Point - N/A	Flash Point - N/A
Solubility in Water - No	Flammable Limits - N/A
Vapor Pressure - N/A	Auto-Ignition Temperature - N/A

SECTION 10 - STABILITY AND REACTIVITY

Stability - Stable
Hazardous Polymerization - None
Hazardous Decomposition Products - None
Conditions to Avoid - None
Incompatibility - None

SECTION 11 - TOXICOLOGICAL INFORMATION

Hazard to Humans - There is no toxicity data on this mixture. Likely to be a skin and eye irritant.
Inhalation of dust may cause lung effects.
Animal Experiment - There is no toxicity data on this mixture
Acute - Likely to be a skin and eye irritant
Chronic/Other - Inhalation may cause lung effects. Contains quartz, which can cause silicosis and is a potential carcinogen.

SECTION 12 - ECOLOGICAL INFORMATION

No specific information available.

SECTION 13 - DISPOSAL INFORMATION

Dispose according to local regulations. No specific information available.

SECTION 14 - TRANSPORTATION INFORMATION

No specific information available.

SECTION 15 - REGULATORY INFORMATION

Ingredients are listed on TSCA, DSL and EINECS inventories.
Quartz is listed on IARC, NTP, OSHA and/or Calif. Prop 65 cancer lists.
No specific other information available.

SECTION 16 - OTHER INFORMATION

Use the same precautions that are common to any writing instrument.
Vent kilns when firing.
Conforms to ASTM D-4236
No other specific information available.