

1. IDENTIFICATION OF PRODUCT AND COMPANY:**1.1 Product Identity / Trade Name:**

Platinum Promax Soapstone

1.2 Product Use:

Markers.

1.3 Company:

Company: Platinum North America

Address : 3922 - 51 Avenue NW

Edmonton, AB

T6B 3T5 CANADA

Phone: 780-461-6293

Fax: 780-468-1946

E-mail: info@platinumna.com

2. HAZARDS IDENTIFICATION

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). The product contains no substances which at their given concentration, are considered to be hazardous to health.

Precautionary Statements - Prevention: none.

Precautionary Statements - Response: none.

Precautionary Statements - Storage: none.

Precautionary Statements - Disposal: none.

Hazards not otherwise classified (HNOC): not applicable.

Unknown Toxicity: 35.94 % of the mixture consists of ingredient(s) of unknown toxicity.

Other information: may cause slight eye irritation.

Interactions with Other Chemicals: no information available.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance	CAS#	Weight %	Trade Secret
Silicon Dioxide - Hydrated	7631-86-9	40 - 70	*
Magnesium Oxide	1309-48-4	15 - 40	*
Ci 77491	1309-37-1	1 - 5	*
Alumina	1344-28-1	1 - 5	*
Calcium Oxide	1305-78-8	1 - 5	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Eye contact: rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

Skin contact: wash with soap and water.

Inhalation: remove to fresh air.

Ingestion: rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.

Most Important Symptoms and Effects Acute and Delayed: no information available.

Notes to Physician: treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media: CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising From the Chemical: no information available.

Hazardous Combustion Products: carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact: no.

Sensitivity to Static Discharge: no.

Protective Equipment and Precautions for Firefighters: as in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Personal Precautions: avoid contact with eyes.

Environmental precautions:

Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up:

Methods for Containment: prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up: pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Handling: handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

Storage: keep container tightly closed.

Incompatible Products: water. acids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

Substance	ACGIH TLV	OSHA PEL	NIOSH IDLH
Silicon Dioxide - Hydrated 7631-86-9	10 mg/m ³	20 mppcf TWA; ((80)/(% SiO ₂) mg/m ³)	IDLH: 3000 mg/m ³ TWA: 6 mg/m ³
Magnesium Oxide 1309-48-4	TWA: 10 mg/m ³	TWA: 15 mg/m ³ fume, total particulate (vacated) TWA: 10 mg/m ³ total particulate	IDLH: 750 mg/m ³ fume
Ci 77491 1309-37-1	TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ fume TWA: 15 mg/m ³ total dust respirable fraction (vacated) TWA: 10 mg/m ³ fume and total dust Iron oxide (vacated) TWA: 5 mg/m ³ respirable fraction regulated under Rouge	IDLH: 2500 mg/m ³ Fe dust and fume TWA: 5 mg/m ³ Fe dust and fume
Alumina 1344-28-1	TWA: 1 mg/m ³ respirable fraction	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 10 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction	
Calcium Oxide 1305-78-8	TWA: 2 mg/m ³	TWA: 5 mg/m ³ (vacated) TWA: 5 mg/m ³	IDLH: 25 mg/m ³ TWA: 2 mg/m ³

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

Other Exposure Guidelines:

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate Engineering Controls:

Engineering Measures: showers, eyewash stations, ventilation systems.

Individual Protection Measures, Such as Personal Protective Equipment:

Eye/Face Protection: no special protective equipment required.

Skin and Body Protection: no special protective equipment required.

Respiratory Protection: no protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene Measures: handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES**Physical and Chemical Properties:**

Physical State: solid.

Appearance: white.

Color: no information available.

Odor: odorless.

Odor Threshold: no information available.

Property:

p H No	No data available	None known
Melting / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	No data available	None known
Water Solubility	Insoluble in cold water	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No data available	
Oxidizing properties	No data available	

Other Information:

Softening Point	No data available
VOC Content (%)	No data available
Particle Size	No data available
Particle Size Distribution	

10. STABILITY AND REACTIVITY

Reactivity: no data available.

Chemical Stability: stable under recommended storage conditions

Possibility of Hazardous Reactions: none under normal processing.

Hazardous Polymerization: hazardous polymerization does not occur.

Conditions to avoid: none known based on information supplied.

Incompatible Materials: water. acids

Hazardous Decomposition Products: Thermal decomposition can lead to release of irritating gases and vapors.
Calcium oxides.

11. TOXICOLOGICAL INFORMATION
Information on likely routes of exposure:

Inhalation: specific test data for the substance or mixture is not available.

Eye contact: specific test data for the substance or mixture is not available.

Skin contact: specific test data for the substance or mixture is not available.

Ingestion: specific test data for the substance or mixture is not available.

Component Information:

Substance	Oral LD50	Dermal LD50	Inhalation LC50
Silicon Dioxide - Hydrated 7631-86-9	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 2.2 mg/L (Rat) 1 h
Ci 77491 1309-37-1	> 10000 mg/kg (Rat)		
Alumina 1344-28-1	> 5000 mg/kg (Rat)		
Calcium Oxide 1305-78-8	= 500 mg/kg (Rat)		

Information on toxicological effects:

Symptoms: no information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure:

Sensitization: no information available.

Mutagenic Effects: no information available.

Carcinogenicity: the table below indicates whether each agency has listed any ingredient as a carcinogen.

Substance	ACGIH	IARC	NTP	OSHA
Silicon Dioxide - Hydrated 7631-86-9		Group 3		
Ci 77491 1309-37-1		Group 3		

IARC (International Agency for Research on Cancer) Group 3 - Not Classifiable as to Carcinogenicity in Humans

Reproductive Toxicity: no information available.

STOT - single exposure: no information available.

STOT - repeated exposure: no information available.

Chronic Toxicity: no known effect based on information supplied. Carcinogenic potential is unknown.

Target Organ Effects: none known.

Aspiration Hazard: no information available.

Numerical measures of toxicity Product Information:

The following values are calculated based on chapter 3.1 of the GHS document:

ATEmix (oral): 24,265.00 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity: the environmental impact of this product has not been fully investigated.

Substance	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Silicon Dioxide - Hydrated 7631-86-9	72h EC50: = 440 mg/L (Pseudokirchneriella subcapitata)	96h LC50: = 5000 mg/L (Brachydanio rerio)		48h EC50: = 7600 mg/L
Ci 77491 1309-37-1		96h LC50: = 1070 mg/L (Cyprinus carpio)		

Persistence and Degradability: no information available.

Bioaccumulation: no information available. **Other adverse effects:** no information available.

13. DISPOSAL CONSIDERATION
Waste treatment methods:

Disposal Methods: this material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging: dispose of contents/containers in accordance with local regulations.

California Hazardous Waste Codes: 141

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Substance	California Hazardous Waste
Ci 77491 1309-37-1	Corrosive

14. TRANSPORT INFORMATION

DOT: not regulated.

Proper Shipping Name: not regulated.

Hazard Classification: not regulated.

TDG: not regulated.

MEX: not regulated.

ICAO: not regulated.

IATA: not regulated.

Proper Shipping Name: not regulated.

Hazard Classification: n/a.

RID: not regulated.

ADR: not regulated.

ADN: not regulated.

15. REGULATORY INFORMATION
International Inventories:

TSCA: complies.

DSL: all components are listed either on the DSL or NDSL.

TSCA: United States Toxic Substances Control Act Section 8(b) Inventory.

DSL/NDSL: Canadian Domestic Substances List/Non-Domestic Substances List.

US Federal Regulations: SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Acute Health Hazard: no.

Chronic Health Hazard: no.

Fire Hazard: no.

Sudden Release of Pressure Hazard: no.

Reactive Hazard: no.

CWA (Clean Water Act): this product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA: this material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations:

California Proposition 65: this product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations:

Substance	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Silicon Dioxide - Hydrated 7631-86-9		X	X		
Magnesium Oxide 1309-48-4	X	X	X		
Ci 77491 1309-37-1	X	X	X		
Alumina 1344-28-1	X	X	X	X	
Calcium Oxide 1305-78-8	X	X	X		

International Regulations:

Mexico

National occupational exposure limits:

Substance	Carcinogen Status	Exposure Limits
Magnesium Oxide 1309-48-4 (15 - 40)		Mexico: TWA 10 mg/m ³
Ci 77491 1309-37-1 (1 - 5)		Mexico: TWA 5 mg/m ³ Mexico: STEL 10 mg/m ³
Alumina 1344-28-1 (1 - 5)		Mexico: TWA 10 mg/m ³
Calcium Oxide 1305-78-8 (1 - 5)		Mexico: TWA 2 mg/m ³

Mexico - Occupational Exposure Limits - Carcinogens

Canada

WHMIS Hazard Class: not determined.

16. OTHER INFORMATION

NFPA Health Hazards 1 Flammability 0 Instability 0

Physical and Chemical Hazards - Personal Protection X

Disclaimer:

The contents and format of this MSDS are in accordance with ISO Commission Directive ISO11014:2009.

The above information is based on our current standard of knowledge and does not constitute any warranty of conditions of the product. The information does not form part of any contractual agreement. It remains the user's responsibility to adhere existing laws and regulations.