



Blue Heron Stain
 Primary Yellow
 467883

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: **Blue Heron Stain 467883**
 Chemical Family: Inorganic Pigment
 CAS-No.: Mixture

Date of Preparation: 09/14/2011
 Emergency telephone number
 CHEMTREC: 1-800-424-9300
 CHEMTREC (outside U.S.): 1-703-527-3887
 Phone Number: 1-724-223-5900

2. HAZARDS IDENTIFICATION

Emergency Overview

Caution
 May cause respiratory tract, eye and skin irritation. Avoid dust formation.

		HMIS	NFPA 704
Color:	Yellow	1*	1
Physical state:	Powder	0	0
Odor:	Odorless	0	0
		E	

Potential Health Effects

Principle routes of exposure: Inhalation, ingestion, skin and eye contact.
 Eye contact: May cause slight irritation.
 Skin contact: Prolonged skin contact may cause skin irritation and/or dermatitis.
 Inhalation: May cause irritation of respiratory tract.
 Ingestion: May irritate digestive tract.
 Chronic toxicity: No known effects under normal conditions of use. Excessive inhalation of dust may cause chemical pneumonitis, cyanosis, and pulmonary edema.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Weight %
Zircon praeaeodymium yellow	68187-15-5	80 - 90%
Aluminum silicate	66402-68-4	10 - 20%
Silica, fumed	112945-52-5	0.5 - 1%

4. FIRST AID MEASURES

Eye contact: Rinse immediately with plenty of water, also under the eyelids. Get medical attention if irritation develops.
 Skin contact: Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. If symptoms persist, call a physician.
 Inhalation: Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.

Drink plenty of water. I

Notes to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash point (°C): Non combustible

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. The product itself does not burn.

Hazardous decomposition products: Metal fumes.

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus (pressure-demand, NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid dust formation. Evacuate area of all unnecessary personnel. Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Ensure adequate ventilation.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

Methods for cleaning up: Wear personal protective equipment. Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly. Dispose of promptly.

7. HANDLING AND STORAGE

Handling: Handle in accordance with good industrial hygiene and safety practice. Avoid dust formation. Avoid contact with skin, eyes and clothing. Wash hands thoroughly before eating, drinking or smoking. In case of insufficient ventilation, wear suitable respiratory equipment. Provide appropriate exhaust ventilation at places where dust is formed.

Storage: Keep container tightly closed in a dry and well-ventilated place. Store in original container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits
Minimize exposure in accordance with good hygiene practice.

Components	OSHA	ACGIH
Zircon praseodymium yellow	5 mg/m ³ TWA Zr	10 mg/m ³ STEL Zr 5 mg/m ³ TWA Zr
Aluminum silicate	5 mg/m ³ TWA Zr	10 mg/m ³ STEL Zr 5 mg/m ³ TWA Zr 0.2 mg/m ³ TWA Mn

Engineering measures: Provide appropriate exhaust ventilation at machinery and at places where dust or fumes can be generated.

Eye protection: Safety glasses with side-shields.

Skin and body protection: Lightweight protective clothing.

Hand protection: Impervious gloves.

Respiratory protection: Use NIOSH approved respirator when ventilation is inadequate. In case of insufficient ventilation wear suitable respiratory equipment. Seek professional advise prior to respirator selection and use. NIOSH-approved respirators should be worn where engineering controls and work practices do not reduce exposure to or below the PEL.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color:	Yellow	Physical state:	Powder
Odor:	Odorless	Molecular weight:	No data available
Boiling point/range (°C):	No data available	pH:	No data available
Melting point/range (°C):	No data available	Specific gravity (Water =1):	No data available
Vapor density:	Non-volatile	Vapor pressure :	No data available
Evaporation Rate (Water = 1)	Non-volatile	Water solubility:	Insoluble
VOC content (%)	0		

10. STABILITY AND REACTIVITY

Stability:	Stable at normal conditions.
Polymerization	Will not occur.
Hazardous decomposition products:	None under normal use.
Materials to avoid:	None known.
Conditions to avoid	None known.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Information given is based on data on the components and the toxicology of similar products
Carcinogenic Effects:	Not listed by IARC, NTP or OSHA as a carcinogen.
Component information, if any, is listed below	
Aluminum silicate	
OSHA - Select Carcinogens:	Present
IARC - Group 2B:	Listed
Silica, fumed	
LD50s and LC50s:	Oral LD50 (Rat) = 3160 mg/kg

12. ECOLOGICAL INFORMATION

Aquatic toxicity:	Information given is based on data on the components and the ecotoxicology of similar products
Persistence and degradability:	Not determined

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:	Waste must be disposed of in accordance with federal, state and local environmental control regulations. Where possible recycling is preferred to disposal or incineration.
---	---

14. TRANSPORT INFORMATION

DOT (U.S.)

Proper shipping name:	Not regulated.
------------------------------	----------------

Proper shipping name: Not regulated.

15. REGULATORY INFORMATIONU.S. Regulations:

TSCA: Not subject to TSCA 12(b) Export Notification

SARA 313: Not subject to the provisions of SARA 313 Title III

State Regulations

This product or its ingredients have been evaluated for New Jersey, Pennsylvania, and California Prop 65 supplier notification requirements. Substances that are subject to notification requirements, if any, are listed below

Canadian WHMIS

WHMIS hazard class: D2B Toxic materials

International Inventories

TSCA 8(b):	Listed or exempt.
Canadian DSL/NDSL list	All ingredient(s) are listed on the DSL or NDSL
EC-No.	Listed or exempt.
Philippines (PICCS):	Listed.
Japan (ENCS):	Listed or exempt.
Korea (KECL):	Listed.
China (IECS):	Listed.
Australia (AICS):	Listed.
New Zealand (NZIoC):	Listed.

16. OTHER INFORMATION**For Industrial Use Only.**

The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and the protection of the environment. Any information relating to usage is for guidance purposes only.

End of Safety Data Sheet

Distributed by:
 Laguna Clay Company
 14400 Lomitas Ave
 City of Industry, CA 91746
 1-800-4Laguna
 info@lagunaclay.com
 www.lagunaclay.com