



## Blue Heron Stain: Rose (Prod #467803)

<b>SECTION 1 - PRODUCT IDENTIFICATION AND USE</b>	
PRODUCT IDENTIFIER: <b>LEAD FREE STAIN</b>	PRODUCT IDENTIFICATION #
PRODUCT USE : CERAMIC STAIN	
SUPPLIER: SINOPIGMENT & ENAMEL CHEMICALS LTD ADD: DANFENG SOUTH RD, WUJIAXIANG INDUSTRIAL PARK, XIANGTAN COUNTY, HUNAN PROV, CHINA TEL: 86-732-7805588 FAX: 7805688	Distributed by: Laguna Clay Company 14400 Lomas Ave City of Industry, CA 91746 1-800-4Laguna info@lagunaclay.com www.lagunaclay.com

<b>SECTION 2 - HAZARDOUS INGREDIENTS</b>				
HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD50 OF INGREDIENTS (SPECIFY SPECIES AND ROUTE)	LC50 OF INGREDIENT (SPECIFY SPECIES)
SiO2	30-80		TLV 15mg/m3 OSHA/TWA	
ZrO2	0-50			
CaO	0-40	1305-78-8		
Cr2O3	.5-1		.5	
Sn2O3	25-35		.5	
CoO	2-3	7440-48-4	.1	
Al2O3	10-20	1344-28-1		

<b>SECTION 3 - PHYSICAL DATA</b>				
PHYSICAL STATE LIQUID	ODOUR AND APPEARANCE ODOURLESS LIQUID			ODOUR THRESHOLD (PPM) N.A.
VAPOUR PRESSURE (mm Hg) N.A.	VAPOUR DENSITY (AIR=1)	EVAPORATION RATE N.A.	BOILING POINT (C) N.A.	FREEZING POINT (C) N.A.
pH 6.5-7	SPECIFIC GRAVITY 1.5-3.5	COEFF. WATER/OIL DIST. N.A.		

<b>SECTION 4 - FIRE AND EXPLOSION DATA</b>		
FLAMMABILITY YES__ NO X      FLAMES UNDER WHICH CONDITIONS : THIS PRODUCT DOES NOT SUPPORT COMBUSTION		
MEANS OF EXTINCTION NO SPECIAL MEANS REQUIRED		
FLASHPOINT AND METHOD NONE	UPPER FLAMMABLE LIMIT (% BY VOLUME) N.A.	LOWER FLAMMABLE LIMIT (% BY VOLUME) N.A.
AUTOIGNITION TEMP. (C) N.A.	HAZARDOUS COMBUSTION PRODUCTS NONE	
EXPLOSION DATA N.A.	SENSITIVITY IMPACT N.A.	ACTIVITY TO STATIC DISCHARGE N.A.

<b>SECTION 5 - REACTIVITY DATA</b>	
CHEMICAL STABILITY YES X NO__ IF NO, UNDER WHICH CONDITIONS	
INCOMPATIBILITY WITH OTHER SUBSTANCES YES__ NO X IF SO WHICH ONES REACTIVITY	
REACTIVITY AND UNDER WHAT CONDITIONS: NO REACTIVITY	

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## SECTION 6 - TOXICOLOGICAL PROPERTIES

### ROUTE OF ENTRY

SKIN CONTACT

SKIN ABSORPTION X

EYE CONTACT X

INHALATION

INGESTION X

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: CADMIUM, NICKEL, LEAD ARE LISTED AS SUSPECT CARCINOGENS. THIS COMPOUND IS LOW IN ACUTE TOXICITY. PROLONGED EXPOSURE ABOVE OCCUPATIONAL LIMITS MAY CAUSE LUNG DAMAGE.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: THE DUST MAY CAUSE EYE OR SKIN IRRITATION AND REDDENING. NOT LIKELY TO BE ABSORBED THROUGH THE SKIN.

EXPOSURE LIMITS

IRRITANCY OF PRODUCT

SENSITIZATION TO PRODUCT

CARCINOGENICITY

TERATOGENICITY

REPRODUCTIVE TOXICITY

MUTAGENICITY

SYNERGISTIC PRODUCTS

## SECTION 7 - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: USE FUME HOODS WITH SUFFICIENT EXHAUST TO REMOVE MATERIAL FROM BREATHING ZONE.

GLOVES (SPECIFY)  
WORK GLOVES

RESPIRATOR (SPECIFY)  
APPROVED DUST MASK

EYE (SPECIFY)  
SAFETY GLASSES

FOOTWEAR (SPECIFY)

CLOTHING (SPECIFY)

OTHER (SPECIFY)

ENGINEERING CONTROLS (SPECIFY, EG. VENTILATION, ENCLOSED PROCESS)  
VENTILATION SHOULD BE USED WHEN SPRAYING GLAZES.

LEAK AND SPILL PROCEDURE: SCOOP INTO SUITABLE RECEPTACLE. DO NOT WASH DOWN DRAIN.

WASTE DISPOSAL: SEND TO APPROVED SITE IN ACCORDANCE WITH REGULATIONS.

HANDLING PROCEDURES AND EQUIPMENT: NO SPECIAL EQUIPEMENT NEEDED. FOLLOW STANDARD PLANT HYGIENE PROCEDURE.

STORAGE REQUIREMENTS: STORE IN DRY AREAS.

SPECIAL SHIPPING INFORMATION: PROTECT AGAINST PHYSICAL DAMAGE. DOT LABEL NON-REGULATED

## SECTION 8 - FIRST AID MEASURES

SPECIFIC MEASURES: GLAZE CONTAINS THE OXIDES LISTED IN THE CHEMICAL FORMULA IN FORM OF CERAMIC FRIT. SOME OF THESE OXIDES ARE ON THE INGREDIENT DISCLOSURE LIST, CNCE THESE OXIDES ARE FUSED AND CONVERTED INTO FRIT THEY ARE NO LONGER AVAILABLE IN TOXIC FORM EVEN THOUGH TESTING WOULD DETECT THE PRESENCE OF THESE OXIDES. (FRIT IS ESSENTIALLY AN INSOLUBLE SUBSTANCE). THE OXIDES ARE PRESENT IN THE FORM OF A SINTERED CERAMIC STAIN OF LOW SOLUBILITY. THESE INGREDIENTS ARE PRESENT IN A STABLE AQUEOUS SUSPENSION.

PREPARED BY  
SINOPIGMENT & ENAMEL CHEMICALS  
TECHNICAL DEPT.

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