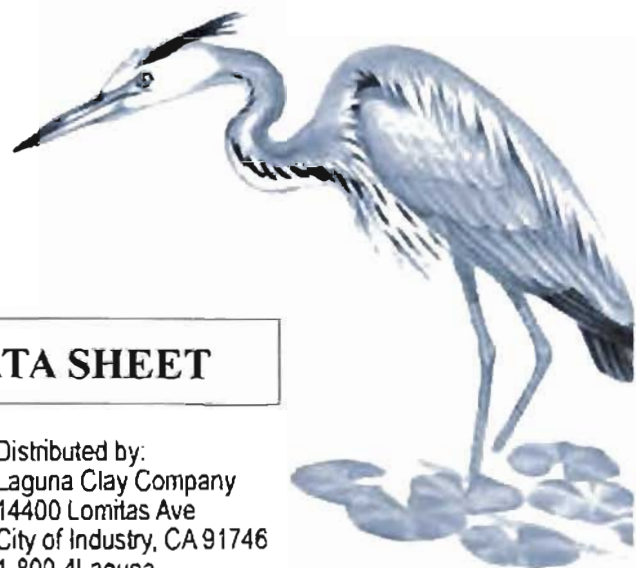


Blue Heron Stain  
Grey  
Prod # 467973



**MATERIAL SAFETY DATA SHEET**

**SUPPLIER:**

SINOPIGMENT & ENAMEL CHEMICALS LTD  
ADD. DANFENG SOUTH RD, WUJIA XIANG INDUSTRIAL PARK,  
XIANGTAN COUNTY, HUNAN PROV. CHINA  
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**I. PRODUCT IDENTIFICATION:**

PRODUCT NAME ..... CERAMIC STAIN  
FORMULA ..... Zr-Co-Si-Ni  
CRYSTAL STRUCTURE..... ZIRCON

**II. HAZARDOUS INGREDIENTS:**

This product contains no hazardous ingredients.

**III. PHYSICAL AND CHEMICAL PROPERTIES:**

PHYSICAL FORM ..... Solid, Powder  
COLOR ..... Grey  
105°C VOLATILE.....0.5%max  
AVERAGE PARTICLE SIZE.....0.5%max (325mesh residue on sieve)  
SOLUBILITY IN WATER.....Not applicable

**IV. FIRE AND EXPLOSION DATA:**

FLASH POINT ..... Not applicable  
AUTO- IGNITION TEMPERATURE ..... Not Applicable  
EXTINGUISHING MEDIA..... Material is not combustible. Use  
extinguishing media suitable for other  
combustible materials in the area.  
SPECIAL FIRE FIGHTING PROCEDURES..None

**V. HUMAN HEALTH DATA:**

ROUTE(S) OF ENTRY ..... Eye contact; Skin contact; Inhalation  
HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE:  
On the basis of Animal Toxicity Data, we would expect this product to be

non-irritating to the eyes and skin and essentially non-toxic by ingestion. However, excessive exposure to airborne dust may reduce visibility and/or cause unpleasant deposits in the eyes, ears, and nose. Injury to the skin or mucous membranes can occur by direct mechanical action or by rigorous skin cleaning necessary for removal of dust.

CHRONIC EFFECTS OF EXPOSURE .....No chronic health effects are known from repeated exposure to this stain.

**VI. EMERGENCY AND FIRST AID PROCEDURES:**

**REMOVE FROM EXPOSURE**

FIRST AID FOR EYES ..... Flush eyes with plenty of water, lifting lids periodically for at least 15 minutes. Consult a physician taking this data sheet if redness or soreness develops.

FIRST AID FOR SKIN ..... Remove contaminated clothing, wash with soap and water.

FIRST AID FOR INHALATION ..... Symptomatic treatment. Remove from dusty area to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen, call a physician.

FIRST AID FOR INGESTION ..... Drink water and induce vomiting. Immediately contact a physician.

**IF THESE FIRST AID MEASURES FAIL, CONSULT PHYSICIAN !!!!!!!!!!!!!**

**VII. EMPLOYEE PROTECTION RECOMMENDATIONS:**

EYES PROTECTION REQUIREMENTS ..... Safety glasses are recommended.

SKIN PROTECTION REQUIREMENTS ..... Wear easily washable work clothing, Wear normal industrial protective clothing, i.e. overalls, gloves and goggles. Protect from dust, wash after use.

RESPIRATOR REQUIREMENTS ..... Ambient concentrations in the work area should be monitored and if the recommended exposure limit is exceeded, a NIOSH/MSHA approved dust respirator should be worn.

VENTILATION REQUIREMENTS ..... Use local ventilation to maintain air level below the recommended exposure limit if dusting is a problem.

ADDITIONAL PROTECTIVE MEASURES ..... Eyewash stations and washing facilities should be available. Employees should wash their hands and face before eating, drinking or using tobacco products.

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**VIII. SPILL AND LAEK PROCEDURES:**

SPILL OR LEAK PROCEDURES.....Vacuum or scoop material into an appropriately marked container for reclamation or disposal. Avoid excessive generation of dust. If dust is generated, use appropriate respiratory protection.

WASTE DISPOSAL METHODS .....Materials, which cannot be recycled into your process should be land filled in accordance with federal, state and local environment control regulations.

**IX. SPECIAL PRECAUTIONS AND STORAGE DATA:**

STORAGE TEMPERATURE (MIN/MAX)...Ambient /Ambient

SHELF LIFE .....Unlimited

SPECIAL SENSITIVITY .....None know

HANDLING STORAGE PRECAUTIONS. : Store in dry at ambient temperature, away from food and beverages. Avoid breathing dust. Avoid contact with eyes and skin, wash thoroughly after handling.

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