



# MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):  
97-300-32-5

Product Name: Leone (Color) Aluminum Glitt

Release Date: March 13, 2007

## 1. Product and Company Identification

<b>Trade Name &amp; Synonyms</b> Leone (colors) Aluminum glitters	<b>MSDS Code Number</b> Refer to part number
<b>Chemical Name</b> Formula: proprietary blend. Chemical name: Blend of aluminum glitters and epoxy resin.	<b>Manufacture / Distributor</b> GAC International Inc.
<b>C.A.S. Number</b> NA	<b>Address</b> 355 Knickerbocker Ave. Bohemia, NY USA 11716
<b>Grades or Minor Variant Identities</b> NA	<b>Information Telephone Number</b> 1-631-419-1700
<b>Product Use (for Canada)</b> NA	<b>Emergency Telephone Number</b> 1-631-419-1700

## 2. Composition of Ingredients

Hazardous Components	Approx wt	C.A.S. Number	Exposure Limits	%
Aluminum	N/A	NA	NA	80
Epoxy resin		NA	NA	15
Color pigment		NA	NA	5

## 3. Hazard Identification

<b>Emergency Overview</b> NA					
Routes of Exposure	Signs and Symptoms	Single, Repeated, or Lifetime Exposure	Severity (Mild, Moderate, Severe)	Acute and Chronic Health Effect(s)	Target Organ(s)
Eye	NA	NA	NA	NA	NA
Skin	NA	NA	NA	NA	NA
Inhalation	NA	NA	NA	NA	NA
Ingestion	NA	NA	NA	NA	NA
Other	NA	NA	NA	NA	NA
<b>Medical Conditions Aggravated by Exposure</b> Not known to cause significant health problems. Avoid inhalation of dust and ingestion. Keep out of eyes to avoid irritation.					
<b>Carcinogenicity (IARC, NTP)</b> NA					
<b>Potential Environmental Effects</b> NA					

## 4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	Flush with water for 15 minutes including under eyelids.	NA	NA
Skin	Wash with soap and water.	NA	NA
Inhalation	Remove to fresh air	Get medical help if discomfort persists.	NA
Ingestion	Rinse mouth with water.	Call doctor if amount was large and discomfort persists.	NA
Other	NA	NA	NA
<b>Note to Physicians (Treatment, Testing, and Monitoring)</b> NA			



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## 5. Fire and Explosion Data

<b>Flashpoint &amp; Method:</b> °C / °F None	<b>Flammable (Explosive) Limits in Air</b> LEL: N/A UEL: N/A	<b>Autoignition Temperature</b> N/E	<b>Other</b> NA
<b>Flame Propagation or Burning</b> NA	<b>Properties Contributing to Fire Intensity</b> NA	<b>Flammability Classification</b> Health- , Flammability- , Reactivity- NA	
<b>Extinguishing Media</b> Alcohol, foam, CO2, Dry chemical.		<b>Extinguishing Media to Avoid</b> NA	
<b>Protection and Procedures for Firefighters</b> Persona; protection measures: Self-contained breathing apparatus, protective glasses, and protective gloves.			
<b>Unusual Fire and Explosion Hazards</b> N/A			

## 6. Accidental Release Measures

<b>Containment Techniques</b> NA
<b>Spill/Leak Clean-Up Procedures and Equipment</b> Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum.
<b>Evacuation Procedures</b> NA
<b>Special Instructions</b> NA
<b>Reporting Requirements</b> NA

## 7. Handling and Storage

<b>Handling Practices and Warnings</b> NA
<b>Storage Practices and Warnings</b> ( °C / °F). Max. Room temp. Min. Room temp. Indoors: Keep indoors. Store in a cool dry place. Keep container closed to avoid water absorption and contamination.

## 8. Exposure Control/Personal Protection

<b>Ventilation</b> Local exhaust at processing equipment.	<b>Other Engineering Controls</b> NA	
<b>Routes of Entry:</b>	<b>Personal Protective Equipment (PPE) for Normal Use:</b>	<b>PPE for Emergencies:</b>
<b>Eye/Face</b>	Safety glasses.	NA
<b>Skin</b>	Protective gloves. Not mandatory.	NA
<b>Inhalation</b>	Self-contained breathing apparatus. Use type for particulates not otherwise classified if needed.	NA
<b>General Hygiene Considerations and Work Practices</b> NA		
<b>Protective Measures During Repair and Maintenance of Contaminated Equipment</b> NA		
<b>Other Protective Measures and Equipment</b> Threshold limit value: Aluminum dust-5mg/m3. Breathing apparatus, gloves, and safety glasses.		



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## 9. Physical and Chemical Characteristics

<b>Appearance</b> Silver, gold, red, blue, multicolor rectangular powders		<b>Odor</b> odorless
<b>Normal Physical State:</b> <input type="checkbox"/> Liquid <input type="checkbox"/> Gas  <input type="checkbox"/> Solid <input type="checkbox"/> NA(Other)		<b>Boiling Point</b> °C / °F N/E <b>Melting Point</b> 200 °C / °F <b>Freezing Point</b> °C / °F NA
<b>Specific Gravity or Density (H<sub>2</sub>O=1)</b> N/E	<b>Solubility in Water</b> Insoluble	<b>pH</b> None
<b>Vapor Pressure (mm Hg @ 20°C)</b> N/A	<b>Vapor Density (AIR= 1)</b> 2700 g/dm <sup>3</sup>	<b>Evaporation Rate (Butyl Acetate = 1)</b> N/A
<b>Other</b> Viscosity: N/A % Volatile (by weight): <2		

## 10. Stability and Reactivity Data

<b>Incompatibility (Materials to Avoid)</b> Other strong oxidizing products.	
<b>Hazardous Products Produced During Decomposition</b> N/A	
<b>Hazardous Polymerization?</b> <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> May Not Occur	<b>Conditions to Avoid</b> °C / °F NA
<b>Stability?</b> <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	<b>Conditions to Avoid</b> Heating above 300°C / °F

## 11. Toxicological Information

<b>Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data</b> None of the components of this material are listed by IARC, NTP, OSHA or ACGIH as carcinogens.
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## 12. Ecological Information

<b>Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements</b> NA
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## 13. Disposal Considerations

<b>Regulations</b> Dispose of in a landfill or incinerate according to federal, state and local regulations.
<b>Properties (Physical/Chemical) Affecting Disposal</b> NA



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## 14. Transport Information

<b>Regulated for shipping?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No NA		<b>Proper Shipping Name</b> Leone (color) Aluminum glitters	<b>Packing Group</b> NA
<b>Do changes in quantity, packaging, or shipment method change product classification?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No NA		<b>Hazard Class</b> NA	<b>Identification Number</b> NA
<b>Other</b> NA			

## 15. Regulatory Information

<b>Federal Regulations</b> NA
<b>International Regulations</b> NA
<b>Other</b> Avoid inhalation of dust. Keep dust out of eyes to prevent possible irritation.

## 16. Other Information

<b>Supplier Number:</b> 39/97	<b>Supplier Release:</b> December 1996
N/A = not applicable. NA = not available, N/E = not established. N/D = not determined.	