



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
N/A

Product Name: Blue-61388-C Pigment

Release Date: May 31, 2007

1. Product and Company Identification

Trade Name & Synonyms Blue- 61388-C	MSDS Code Number 61388-C
Chemical Name NA. Chemical formula: N/A. Formula wt: N/A	Manufacture / Distributor GAC International Inc.
C.A.S. Number N/A. NIOSH/RTECS No: N/A Description: pigment.	Address 355 Knickerbocker Ave. Bohemia, NY USA 11716
Grades or Minor Variant Identities NA	Information Telephone Number 1-631-419-1700
Product Use (for Canada) NA	Emergency Telephone Number 1-631-419-1700

2. Composition of Ingredients

Hazardous Components	C.A.S. Number	Exposure Limits	%
See section 3- Health hazard information for specific information.	NA	NA	NA
Component	TLV	PEL	
	(mg.cu.m)		
Zinc compounds	0.15	0.10	00557-05-1
Copper Phthalocyanine pigments	10.0	15.0	12239-87-1
Remaining components are 'nuisance dust'	10.0	15.0	NA
Proprietary formula: A more detailed disclosure will be provided to appropriate medical or industrial hygiene personnel as privileged information upon request in case of need for specific treatment.\	NA	NA	NA
Ingredient			
Titanium dioxide Title 21	1317-80-2	NA	NA
Pigment blue 15:3 / Phthalo blue title 21	147-14-8	NA	NA
Black oxide FD&A	1309-38-2	NA	NA
Actone 2316 Coneg	NA	NA	NA
Zinc state coneg	557-05-1	NA	NA

3. Hazard Identification

Emergency Overview					
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	Acute: Low dermal and mild eye irritation.	NA
Ingestion	NA	NA	NA	NA	NA
Other	Effects of overexposure: Zinc compounds: Although not considered hazardous, title III of the superfund amendments and reauthorization act (SARA) has created new reporting requirements for companies that handle certain chemicals and chemical categories. This product contains a section 313 listed chemical (Zinc compounds) subject to	NA	NA	NA	NA



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	<p>the reporting requirements of SARA (40 CFR part 372). Phthalocyanine pigment: This pigment is not considered a hazardous material, as defined by OSHA hazard communication standard (29 CFR 1910, 1200). Title III of the superfund amendments and reauthorization act (SARA) has created new reporting requirements for companies that handle certain chemicals and chemical categories. This product contains a section 313 listed chemical (as listed below) subject to the reporting requirements of SARA (40 CFR part 372). ~ Copper compounds.</p>			
Medical Conditions Aggravated by Exposure				
NA				
Carcinogenicity (IARC, NTP)				
NA				
Potential Environmental Effects				
NA				

4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	Immediately flush eyes with running water for 15 minutes. Hold eye lids open.	Call a physician.	NA
Skin	Remove contaminated clothing. Launder contaminated clothing before reuse. Wash with soap and water.		NA
Inhalation	Remove to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration.	Call a physician.	NA
Ingestion	If conscious, give fluids and induce vomiting.	Call a physician.	NA
Other	NA	NA	NA
Note to Physicians (Treatment, Testing, and Monitoring)			
NA			



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5. Fire and Explosion Data

Flashpoint & Method: °C / °F N/E	Flammable (Explosive) Limits in Air LEL: N/A UEL: N/A	Autoignition Temperature NA	Other NA
Flame Propagation or Burning NA	Properties Contributing to Fire Intensity NA	Flammability Classification Health- 2, Flammability-0 , Reactivity-0	
Extinguishing Media Carbon dioxide, foam, dry chemical, water fog or spray		Extinguishing Media to Avoid NA	
Protection and Procedures for Firefighters Use self contained breathing apparatus.			
Unusual Fire and Explosion Hazards Combustion products may be toxic (see section 10). High dust concentrations may constitute explosion hazard.			

6. Accidental Release Measures

Containment Techniques NA
Spill/Leak Clean-Up Procedures and Equipment Scoop or vacuum into suitable container for disposal. Avoid dusting.
Evacuation Procedures NA
Special Instructions NA
Reporting Requirements NA

7. Handling and Storage

Handling Practices and Warnings For industrial use only. Protect containers from breakage. Keep container tightly closed when not in use. Keep away from food products. Avoid dusting. Use with adequate ventilation. Keep from freezing. Wash thoroughly after handling. Clean up all spills immediately. Other precautions: Check all containers for leaks. May be harmful if swallowed.
Storage Practices and Warnings (°C / °F). Store away from heat, flame, and strong oxidizers.

8. Exposure Control/Personal Protection

Ventilation Provide as required to keep TLV below acceptable limits.	Other Engineering Controls NA	
Routes of Entry:	Personal Protective Equipment (PPE) for Normal Use:	PPE for Emergencies:
Eye/Face	Wrap around style for protection from dust. Do not wear contact lenses.	NA
Skin	Synthetic gloves.	NA
Inhalation	NIOSH approved respiratory protection must be used in accordance with standards. Use NIOSH approved respirator if TLV is exceeded.	NA
General Hygiene Considerations and Work Practices NA		
Protective Measures During Repair and Maintenance of Contaminated Equipment NA		
Other Protective Measures and Equipment Eyewash station, shower.		



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9. Physical and Chemical Characteristics

Appearance Finely divided blue powder		Odor No odor
Normal Physical State: <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> Solid <input type="checkbox"/> _____ (Other)		Boiling Point °C / °F N/A Melting Point °C / °F N/A Freezing Point °C / °F NA
Specific Gravity or Density (H₂O=1) Varies	Solubility in Water Negligible	pH NA
Vapor Pressure (mm Hg @ 20°C) NA	Vapor Density (AIR= 1) NA	Evaporation Rate (Butyl Acetate = 1) N/A
Other Volatiles, percent: 0		

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid) Strong acids.	
Hazardous Products Produced During Decomposition Combustion products: None.	
Hazardous Polymerization? <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> May Not Occur	Conditions to Avoid °C / °F N/A
Stability? <input checked="" type="checkbox"/> Stable at normal temperature and pressure <input type="checkbox"/> Unstable	Conditions to Avoid °C / °F Open flames or sparks. Excessive dusting near electrical or spark generating equipment

11. Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data NA
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12. Ecological Information

Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements NA

13. Disposal Considerations

Regulations Waste disposal method: This product contains a component which, if disposed of by itself, should be considered a hazardous waste on the basis of EP toxicity under EPA solid waste regulations. Mixtures containing this product should be tested for EP toxicity. Disposal must be made in accordance with all federal, state, and local regulations.
Properties (Physical/Chemical) Affecting Disposal NA



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14. Transport Information

Regulated for shipping? <input type="checkbox"/> Yes <input type="checkbox"/> No NA	Proper Shipping Name Blue-61388-C	Packing Group NA
Do changes in quantity, packaging, or shipment method change product classification? <input type="checkbox"/> Yes <input type="checkbox"/> No NA	Hazard Class NA	Identification Number NA
Other NA		

15. Regulatory Information

Federal Regulations California's proposition 65: There may be extremely small but detectable amounts of substances regulated under California's safe drinking water and toxic enforcement (proposition 65), which warns of the presence of certain listed chemicals. We believe that the law requires us to inform you that detectable amounts of the listed chemicals might be present in our products. Based on a review of the list, imperial color corporation products, like all synthetic and naturally occurring chemical substances, may conceivably contain trace containments of some of the listed substances. While not necessarily added to our products as ingredients, some listed chemicals may be present in the raw materials as received from our suppliers, and over which we have no control. Therefore, even though some of the listed substances may not represent a significant risk as defined by the regulations, in order to comply with the California law, we feel obligated to make the following statements: Warning: This product may contain a chemical known to the state of California to cause cancer. This product may contain a chemical known to the state of California to cause birth defects or other reproductive harm. Pennsylvania's worker and community right-to-know act: This MSDS discloses the hazardous substances and information concerning the properties and effects of the hazardous substances or hazardous mixtures in this product. For some imperial color corporation products, specific chemical identity can be made available to health professionals upon request for medical diagnosis or medical treatment of an exposed person.
International Regulations NA
Other NA

16. Other Information

Supplier Number: N/A Supplier Release: July 26, 1995
N/A = not applicable. NA = not available, N/E = not established. N/D = not determined.