

MATERIAL SAFETY DATA SHEET

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Revision Date: 04/20/89  
Issue Date: 03/19/97  
 MSDS File id: MSDSLETL  
 Customer No: 4872575000  
 Whse No: 0048

This MSDS complies with 29 CFR 1910.1200 (The Hazard Communication Standard)

SECTION I - Product Identification

Product Name: G-528-CZZ-G ROYAL GREEN COLORANT

General or Generic ID: Unsaturated Polyester Resin

Hazard Classification: Non Flammable Liquid

SECTION II - Components

Ingredient	Cas No.	Percent	OSHA-PEL	ACGIH-TLV	NOTE
COPPER PHTHALO GREEN	1328-53-6	1.4	1 mg/m3	1 mg/m3	(1)
(1) Milligrams of substance per cubic meter of air. The federal standard for copper dusts and mists is 1 mg/cubic meter.					

SECTION III - Physical Data

Property	Measurement
Initial Boiling Point	>400.00 DEG F
Vapor Pressure	Not Volatile
Vapor Density	Air = 1 Not Volatile
Specific Gravity	1.2198 @ 77.00 DEG F (25.00 DEG C)
Percent Non-volatiles	100.0%
Evaporation Rate	Slower than Ether

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SECTION IV - Fire and Explosion Data  
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Flash Point 200 DEG F

Flammable Non-Flammable

Extinguishing Media: Regular foam or carbon dioxide or dry chemical.

Hazardous Decomposition Products: May form toxic materials: carbon dioxide and carbon monoxide, various hydrocarbons.

Special Firefighting Procedures: Water or foam may cause frothing which can be violent and possibly endanger the life of the firefighter, especially if sprayed into containers of hot, burning liquid.

Wear self-contained breathing apparatus with a full facepiece operated in pressure demand or other positive pressure mode when fighting fires.

Unusual Fire & Explosion Hazards: Not known.

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SECTION V - Health Data  
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Permissible Exposure Level: Not established for product. See Section II.

Effects of Overexposure: There is no dusting involved with the pigment as it is already incorporated in the resin and therefore health hazards associated with the pigment are greatly reduced.

Skin - Prolonged or repeated contact can cause moderate irritation, erythema, dermatitis.

Eyes - May cause conjunctivitis and ulceration of the cornea.

Swallowing - Can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

First Aid:  
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If on Skin: Thoroughly wash exposed area with soap and water. Remove contaminated clothing, Launder contaminated clothing before re-use.

If in Eyes: Flush with large amount of water, lifting upper and lower lids occasionally. Get medical attention.

If Swallowed: do not induce vomiting. Keep person warm, quiet and get medical attention. Aspiration of material into the lungs due to vomiting can cause chemical pneumonitis which can be fatal.

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SECTION VI - Reactivity Data  
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Hazardous Polymerization: Cannot occur.

Stability: Stable.

Incompatibility: Avoid contact with: strong alkalis, strong mineral acids  
and oxidizing agents.

Conditions to Avoid: Exposure to excessive heat or open flame; storage in open  
containers ; prolonged storage (6 months), storage above  
38 DEG C (100 DEG F). Contamination with oxidizing agents.

Hazardous Decomposition Products: Carbon Monoxide, Carbon Dioxide, Low Molecular  
Weight Hydrocarbons, Organic Acids.

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SECTION VII - Spill or Leak Procedures  
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Steps to be Taken in Case Material is Released or Spilled:  
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Small Spill: Absorb liquid on paper, vermiculite, floor absorbent, or other  
absorbent material and sweep up for disposal in labeled containers.

Large Spill:

Stop spill at source, dike area of spill to prevent spreading, pump  
liquid to salvage tank. Remaining liquid may be taken up on sand, clay,  
earth, floor absorbent or other absorbent material and shoveled into  
containers.

Waste Disposal Method:

Dispose: In containers in accordance with local, state, and federal  
regulations.

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SECTION VIII - Protective Equipment to be Used  
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Respiratory Protection: None required under normal conditions of use.

Ventilation: None required under normal conditions of use.

Protective Gloves: Wear resistant gloves such as: neoprene, nitrile rubber.

Eye Protection: Chemical splash goggles in compliance with OSHA regulations are  
advised; however, OSHA regulations also permit other type safety glasses  
(consult your safety equipment supplier).

Other Protective Equipment: Normal work clothing covering arms and legs.

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SECTION IX - Supplement

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EPA lists the copper compound as a hazardous waste and a priority pollutant. Copper is not listed as a carcinogen by NTP; not regulated as a carcinogen by OSHA; and is not listed by the IARC.

Chronic human intoxication may occur in individuals with Wilson's disease (hepatolenticular degeneration). This is a generic condition caused by the pairing of abnormal autosomal recessive genes in which there is abnormally high absorption, retention, and storage of copper by the body. The disease is progressive and fatal if untreated.

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SECTION X - Supplier Notification

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This product contains toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372. Please refer to Section II - Hazardous Components for the specific product and concentration.

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with Interplastic or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.