

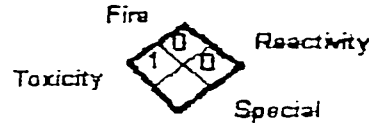
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Rupert, Gibbon & Spider, Inc.
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 800-442-0455

Date Issued: 9/22/1998



Material Safety Data Sheet

Section 1 General Information

Product Name (Number): Lumiere/Neopaque Fabric Paints
 Chemical Family: Aqueous acrylic emulsion
 D.O.T. Hazard Class: Non-regulated

Section 2 Compositional Information:

<u>Ingredients</u>	<u>CAS #</u>	<u>% By Weight OSHA TWA</u>		<u>ACGIH-TLV</u>
Formaldehyde	50-00-0	.012 to .018	1.0	1C ppm
Acrylic Polymers	_____	25 - 30	NE	NE
Residual Monomers	_____	<0.1	NR	NR

Section 3 Physical Data:

Published or Estimated Values

Boiling Point Deg. F.: 100C/212F Water (730 mm Hg)	Specific Gravity: 1 - 1.5 (H2O=1) (@ 77 deg. F)
Vapor Pressure: 17 20C/68F (mm Hg at 20 deg. C)	% Volatile By Weight: 52 - 56
Vapor Density (Air=1): <1 Water	Evaporation Rate (BUAC=1): <1 H2O
Solubility In Water: Dilutable	pH: 4 - 7

Appearance and Odor: Colored liquids with mild, pleasant odor

Section 4 Fire and Explosion Hazard Data:

Estimated Flammable Limits (% by Volume in Air) LEL: NA UEL: NA
 Flash Point (Deg. F.): Non-Combustible
 Extinguishing Media: NA

Special Fire Fighting Procedures: Material can splatter above 100C/212F. Polymer film can burn.

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Section 5A Health Hazard Data (Symptoms and Effects of Overexposure):

Inhalation: Vapor or spray mist can cause headache, nausea, and nose irritation. Heat setting should only be done with good ventilation. Do not breathe resulting fumes.

Ingestion: Do not ingest.

Skin: Moderately irritating to skin.

Eyes: Moderately irritating to eyes.

Listed Carcinogens: Formaldehyde and trace amounts of acrylic monomers. Listed hazard values refer only to Formaldehyde in its gaseous form. These liquid paints contain the dissolved form.

Section 5B Health Hazard Data (Emergency and First Aid Procedures):

Inhalation: Move subject to fresh air.

Ingestion: Give 2 glasses of water to drink. Consult a Physician. Never give anything by mouth to an unconscious person.

Skin Contact: Wash affected skin areas with soap and water. See a Physician if irritation persists.

Eye Contact: Flush eyes with a large amount of water for at least 15 minutes. See a Physician if irritation persists.

Section 6 Reactivity Data:

Stable: X **Unstable:** **Conditions to Avoid:**

Incompatibility (Materials to Avoid): NA

Hazardous Decomposition Products: NA

Hazardous Polymerization: **Will Occur:** **Will Not Occur:** X

Conditions to Avoid: NA

Section 7 Spill or Leak Procedures:**Steps to be taken in case material is released or spilled:**

Keep spectators away. Floor may be slippery; use care to avoid falling. Dike and contain spill with inert material (e.g. sand, earth, absorbents). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal. Keep large spills and cleaning runoffs out of municipal sewers and open bodies of water. Keep spill area well ventilated.

Waste Disposal:

Section 8 Special Protection:

Respiratory: None required if good ventilation is maintained. Wear respirator (MSHA/NIOSH or approved equivalent) suitable for concentrations and types of air contaminants encountered.

Eyewear: Chemical splash goggles or approved equivalent.

Clothing/Gloves: Impervious.

Ventilation: Mechanical local exhaust ventilation at point of use or spill.

Section 9 Special Precautions:

Precautions to be taken in handling and storing:

Precautionary Labeling: Keep from freezing. Product may coagulate.

Other Precautions: Handle with the same care used with any product of this type.

Containers: Keep well closed. Store in a cool place out of the reach of small children.

Section 10 Toxicity Information:

The effects of overexposure shown in section 5a are based on acute toxicity profiles for a number of acrylic emulsions that are compositionally similar to this product. Typical values are: Rat, oral LD50 >5.0 g/kg; Rabbit, dermal LD50: >5.0 g/kg; Rabbit, skin irritation: Practically nonirritating—72 hour Mean Irritation Score = 0 to 2; Rabbit, eye irritation: inconsequentially irritating.

Section 11 Miscellaneous Information:

Note: Formaldehyde is an animal carcinogen; however, objective data indicate that under typical conditions of use for this product, the resin manufacturer's TWA of 0.5 ppm will not be exceeded. After the paints have dried and been heat set, the Formaldehyde becomes chemically changed and is no longer hazardous.

Note: Monomer vapors can be evolved when product is heated during processing operations. In such a case, use local exhaust ventilation with a minimum capture velocity of 100 ft/min. (30 m/min.) at the point of monomer evolution. Refer to Industrial Ventilation: A Manual of Recommended Practice published by the American Conf. of Govt. Ind. Hygienists

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