

Fuji Graphic Systems Canada

Material Safety Data Sheet

Section 1. Chemical Product And Company Identification

Product Name: Davison Blue Indicating Gel
Product Code: BLUE INDICATING GEL **Product Use:** Graphic Arts Product
Distributor **Manufacturer**
 Fuji Graphic Systems Canada Inc. Grace Davison
 6425 Airport Road 7500 Grace Drive
 Mississauga, Ontario Columbia, MA USA
 L4V 1E4 21044
CANUTEC Emergency # (613) 996 - 6666 **HEALTH Emergency #** 1-800-424-9300
Prepared By: Fuji Graphic Systems Canada Inc. **Telephone:** (905) 612-8111
Preparation Date: June 4, 2000

Section 2. Composition, Information On Ingredients

INGREDIENT	CAS NUMBER	WEIGHT %
Syloid 308	63231-67-4	
Cobalt(II) chloride	7646-79-9	

Section 3. Hazards Identification

WHMIS Class: D2-B

HMIS Rating Health 1 Flammability 0 Reactivity 0 Protection C

NFPA Rating Health 1 Flammability 0 Reactivity 0 Specific Hazards

Hazard Rating: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe C = Gloves, Goggles and Apron

Routes Of Entry: Skin contact, eye contact, inhalation, ingestion

Effects Of Acute Exposure:

Avoid prolonged breathing of dust or contact of dust with the skin. This material can cause irritation of the mucous membranes of the nose and throat and irritation of the skin. Cobalt compounds are included on the IARC human carcinogens list. Cobalt chloride can cause dermatitis and irritation of nasal passages and lungs.

Effects Of Chronic Exposure:

None known

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Section 4. First Aid Measures

Eyes: Flush with cool water for 15 minutes. If irritation persists obtain medical attention.

Skin: Wash with soap and water.

Ingestion: Material will pass through the body normally.

Inhalation: Remove to fresh air.

Section 5. Fire Fighting Measures

Flammability: No

If Yes, Under Which Conditions? Not applicable

Flashpoint and Method (°C): Not applicable

Upper Flammable Limit (% By Volume): Not applicable

Lower Flammable Limit (% By Volume): Not applicable

Autoignition Temperature: Not applicable

Explosion Data

Sensitivity To Impact: No data

Sensitivity To Static Discharge: No data

Means Of Extinction

Extinguishing Media: Water spray, carbon dioxide, dry chemical. No restriction for extinguishing media. Wear self-contained breathing apparatus and protective clothing. Use a water spray to keep fire-exposed containers cool

Hazardous Combustion Products:
See decomposition products

Section 6. Accidental Release Measures

Sweep or vacuum up. Place in a drum or can. Dispose in an approved landfill according to federal, provincial and local regulations. Cover promptly to avoid blowing of dust.

Section 7. Handling And Storage

Handling

Keep tightly sealed to protect quality.

Storage:

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Section 8. Exposure Controls And Personal Protection

Engineering Controls: Local mechanical exhaust ventilation recommended.

Protective Equipment

Eyes:	Chemical resistant splash goggles
Gloves:	Neoprene
Respirator:	If TLV is exceeded use a respirator with appropriate cartridges
Clothing:	Not normally required
Footwear:	Not normally required
Other:	Eyewash station

<u>Exposure Limits</u>	TWA	PEL
Syloid 308	80 mg/m ³	10 ppm
Cobalt(II) chloride	.02 mg/m ³	no data

Section 9. Physical And Chemical Properties

Physical State:	Solid
Appearance:	Clear blue granules
Odour:	None
Odour Threshold:	Not applicable
Vapour Density:	No data
Vapour Pressure (mm Hg):	No data
Evaporation Rate:	No data
Boiling Point (°C) :	No data
Melting Point (°C):	No data
Freezing Point (°C):	No data
pH :	6.5 - 6.7
Specific Gravity:	2.1
Solubility in Water	insoluble
Volatiles	No data
Coefficient of Water	No data
Oil Distribution	No data
VOC lb/gal	No data

Section 10. Stability And Reactivity

Chemical Stability?	Yes	If No, Conditions:
Incompatibility	Yes	
If Yes, Which Ones?	Hydrogen fluoride	
Reactivity And Conditions:	Not normally reactive	
Decomposition Products:	No data	

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Section 11. Toxicological Information

LD50:	
Irritancy Of Product:	Skin and eye irritant
Sensitization To Product:	Not known to be a skin sensitizer
Teratogenicity:	Not known to be a teratogen

Teratogenicity: Not known to be a teratogen
Carcinogenicity: Not known to be carcinogenic
Reproductive Toxicity: Not known to be a reproductive toxin
Mutagenicity: Not known to be a mutagen
Synergistic Materials: None known

Ingredients

LD50 (Oral Rat)

LC50 (Species)

Syloid 308

not available

not available

Cobalt(II) chloride

80 mg/ kg (rat)

not available

Section 12. Ecological Information

No data

Section 13. Disposal Considerations

Product soaked absorbent should be placed in a sealed metal drum for disposal in accordance to local, provincial or federal regulations.

Section 14. Transportation Information

Proper Shipping Name: Not regulated

Shipping Class: Not applicable

Product Identification No: Not applicable

Packing Group: Not applicable

Other Instructions: Check Transportation Labels

Section 15. Regulatory Information

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulation (CPR) and the MSDS contains all of the information required by the CPR.

Section 16. Other Information

This MSDS has been prepared to meet WHMIS requirements and is believed to be correct. The information should be used to make an independent determination of the methods to safeguard workers and the environment.

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