

# Fuji Graphic Systems Canada

## Material Safety Data Sheet

### Section 1. Chemical Product And Company Identification

Product Name: **Fuji FN-6 Plate Finisher Gum**

Product Code: FUJI-FN6

Product Use: Graphic Arts Product

**Distributor**

Fuji Graphic Systems Canada Inc.  
6425 Airport Road  
Mississauga, Ontario  
L4V 1E4

**Manufacturer**

Fuji Hunt Photographic Chemicals, Inc.  
80 Boroline Rd  
Allendale, New Jersey  
07401

CANUTEC Emergency # (613) 996 - 6666 HEALTH Emergency # 800-424-9300

Prepared By: Fuji Graphic Systems Canada Inc.

Telephone: (905) 612-8111

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### Section 2. Composition, Information On Ingredients

INGREDIENT	CAS NUMBER	WEIGHT %
Benzyl alcohol	100-51-6	1-5
Ethylene glycol	107-21-1	1-5
Gum arabic	9000-01-5	1-5
Phosphated starch	11120-02-8	0.5 - 1.5
Starch, 2-hydroxypropylether	9049-76-7	10-20
Water	7732-18-5	60-80

### Section 3. Hazards Identification

WHMIS Class: D-2B

HMIS Rating Health 1 Flammability 0 Reactivity 0 Protection C

NFPA Rating Health 1 Flammability 0 Reactivity 0 Specific Hazards None

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:**

Skin, eye, mucous membrane and respiratory tract irritant. Ingestion may cause nausea and vomiting.  
Allergic reaction to gum arabic may cause respiratory distress and sensitivity.

**Effects Of Chronic Exposure:**

None known

Product Code FUJI-FN6

## Section 4. First Aid Measures

Eyes: Flush with cool water for 15 minutes. Obtain medical attention.  
Skin: Flush with cool water for 15 minutes. Obtain medical attention.  
Ingestion: Obtain prompt medical attention.  
Inhalation: Remove to fresh air. Obtain medical attention.

## Section 5. Fire Fighting Measures

Flammability: No  
If Yes, Under Which Conditions? Not applicable  
Flashpoint and Method (°C): Not flammable  
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

No unusual hazard of product. Wear full personal protective equipment including Canadian Standards Association (CSA) approved positive pressure self contained breathing apparatus. Use standard fire fighting agents (water, water fog, foam, carbon dioxide or dry chemical).

Hazardous Combustion Products:  
See decomposition products

## Section 6. Accidental Release Measures

Leak and spill procedure: Wear appropriate personal protective equipment. Stop source of material release. Keep unwanted personnel away from spill zone. Isolate area of spill by diking. Absorb spilled product with inert material. Clean up and place in an approved transportation container, label and seal.

## Section 7. Handling And Storage

### Handling

Avoid contact with eyes, skin and clothing. Avoid breathing mist or vapors. do not swallow. Handle in areas with adequate ventilation. Wear appropriate personal protective equipment during handling. Wash thoroughly after handling. Keep container closed when not in use.

### Storage:

Store in a cool, dry, well ventilated place. Keep container closed.

## 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
Benzyl alcohol	No data	No data
Ethylene glycol	No data	125 mg/m <sup>3</sup>
Gum arabic	No data	No data
Phosphated starch	No data	No data
Starch, 2-hydroxypropylether	No data	No data
Water	No data	No data

## Section 9. Physical And Chemical Properties

Physical State:	Liquid
Appearance:	clear, pale yellow
Odour:	Odorless
Odour Threshold:	Not applicable
Vapour Density:	No data
Vapour Pressure (mm Hg):	approx. 15 @ 20 C
Evaporation Rate:	faster than butyl acetate
Boiling Point (°C) :	>100°C
Melting Point (°C):	No data
Freezing Point (°C):	No data
pH :	3.0 - 3.4
Specific Gravity:	1.1
Solubility in Water	Complete
Volatiles	No data
Coefficient of Water Oil Distribution	No data
VOC lb/gal	0

## Section 10. Stability And Reactivity

Chemical Stability?	Yes	If No, Conditions:
Incompatibility	Yes	
If Yes, Which Ones?	Strong oxidizers, strong acids, strong bases. Excess heat.	
Reactivity And Conditions:	Not normally reactive	
Decomposition Products:	CO <sub>2</sub> , CO, SO <sub>x</sub>	

## Section 11. Toxicological Information

LD50:	No data
Irritancy Of Product:	Skin, eye, mucous membrane and respiratory tract irritant
Sensitization To Product:	Not known to be a skin sensitizer
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

<u>Ingredients</u>	<u>LD50 (Oral Rat)</u>	<u>LC50 (Species)</u>
Benzyl alcohol	1230 mg/kg	1000 ppm 8 h
Ethylene glycol	4760 mg/kg	not available
Gum arabic	8000 mg/kg	not available
Phosphated starch	not available	not available
Starch, 2-hydroxypropylether	218 mg/kg	not available
Water	not available	not available

## Section 12. Ecological Information

No data available at this time.

## 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:	None		
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.



