



Graphic Arts Products

## MATERIAL SAFETY DATA SHEET

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### Section 1 PRODUCT IDENTITY

**Label Name:** Plate Image Additioner # 2001 or # 2002  
**Chemical Family:** Aliphatic organic chemicals  
**Formula Number:**

### Section 2 HAZARDOUS INGREDIENTS

<u>Components</u>		<u>CAS Number</u>		<u>TLV</u>
Ethyl alcohol	30%	64-17-5	ACGIH	1000 ppm
Acetone	24%	67-64-1	ACGIH	200 ppm
Phenolic Resin	33%	64742-16-1		
Dye	15%	1325-66-6		
Activator	10.1 %	1067-53-4		

### Section 3 PHYSICAL & CHEMICAL PROPERTIES

**Boiling Point:** 221 ° F (105 ° C) **Specific Gravity:** 0.95  
**Vapor Pressure:** 113 mmHg **Percent Volatile:** 70%  
**Solubility in water:** 5%  
**Appearance and Odor:** Blue, liquid, fragrant odor.

### Section 4 FIRE & EXPLOSIVE HAZARD DATA

**Flash Point:** 133 ° F (56 ° C)  
**Flammability Limits:** Upper: 10% Lower: 2.6 %  
**Extinguishing Media:** Carbon dioxide, powder extinguisher.  
**Special Fire Fighting Procedure:** Extinguish by carbon dioxide or powder extinguisher.  
**Unusual fire and explosive hazards and physical hazards:** No unusual fire and explosive hazard due to small contents of fluid.

### Section 5 REACTIVE DATA

**Stability:** Stable at normal conditions.  
**Conditions to avoid:** Not reactive.  
**Incompatibility:** Not reactive.  
**Hazardous decomposition products:** Not reactive.  
**Hazardous polymerization:** N/A

### Section 6 HEALTH EFFECTS OF EXPOSURE

**Eyes:** Liquid extremely irritating to eyes, flush with plenty of water and seek medical help.  
**Skin:** Wash thoroughly with soap and water and flush with plenty of alcohol.  
**Ingestion:** Vomit and seek medical help.  
**Inhalation:** In case of inhalation, remove the affected person to fresh air and keep at rest. If any symptoms persist, obtain medical attention.

**Health Hazard Data**

<b>Primary Routes of Entry:</b>	Stated in MSDS
<b>Published Exposure Limits:</b>	Stated in MSDS
<b>Listed as Carcinogen:</b>	Not contained
<b>Effects of Overexposure:</b>	In case of skin contact, wash with soap and water at once. If contacted on the clothing, remove the contaminated clothing immediately.

**Emergency and First Aid Procedures**

Flush eyes with plenty of water, wash skin thoroughly with soap and water. Seek medical help.

*Section 7***SPILL OR LEAK PROCEDURES****Steps to be taken in case the material is released or spilled:**

Avoid direct contact with skin and breathing vapor. Wipe off with cloth or absorbent material and place into an airtight container.

*Section 8***RECOMMENDED CONTROL MEASURES**

<b>Respiration Protection:</b>	Normally not required due to small contents of fluid.
<b>Ventilation:</b>	Use in well ventilated area.
<b>Protective Gloves:</b>	Chemical resistant gloves are recommended.
<b>Eye Protection:</b>	Chemical safety glasses are recommended.
<b>Other Protective Equipment:</b>	Wear impervious clothing to minimize skin contact.

*Section 9***SPECIAL PRECAUTIONS****Precautions to be taken in handling or storage:**

Use in ventilated area.  
 Keep pen capped when not in use  
 Keep from heat and open flame, strong oxidants  
 Do not open back plug of pen.  
 Storage temperature 77 ° F.  
 Keep from small child.  
 Keep pen capped when not in use.

*Section 10***TRANSPORTATION DATA**

<b>VOC:</b>	=	N/A
<b>SARA:</b>	=	N/A
		Do not throw and drop from 1m high or more.
		Do not store above 104 ° F (40 ° C)

*Section 11***PRECAUTIONARY LABELING**

<b>HMIS RATING:</b>	Health	1
	Flammability	3
	Reactivity	0
	Personal Protection	E

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