



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	25%	67-64-1	ACGIH	200 ppm
Phenolic Resin	30%	9003-35-4		
Dye	15%	1325-66-6		

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

Primary Routes of Entry: Stated in MSDS
Published Exposure Limits: Stated in MSDS
Listed as Carcinogen: Not contained
Effects of Overexposure: 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

Respiration Protection: Normally not required due to small contents of fluid.
Ventilation: Use in well ventilated area.
Protective Gloves: Chemical resistant gloves are recommended.
Eye Protection: Chemical safety glasses are recommended.
Other Protective Equipment: 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

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

Section 11

PRECAUTIONARY LABELING

HMIS RATING:	Health	1
	Flammability	3
	Reactivity	0
	Personal Protection	E

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