

MATERIAL SAFETY DATA SHEET



Graphic Arts Products

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Section 1 **PRODUCT IDENTITY**

Label Name: Solvent Pen # 4010
Chemical Family: Aliphatic organic chemicals
Formula Number:

Section 2 **HAZARDOUS INGREDIENTS**

<u>Components</u>	<u>CAS Number</u>	<u>TLV</u>
Benzyl Acetate 100 %	140-11-4	

Section 3 **PHYSICAL & CHEMICAL PROPERTIES**

Boiling Point:	320 ° F (160 ° C)	Specific Gravity:	0.9
Vapor Pressure:	3.7 mmHg	Percent Volatile:	80 %
Solubility in water:	10 %		
Appearance and Odor:	liquid, red, fragrant.		

Section 4 **FIRE & EXPLOSIVE HAZARD DATA**

Flash Point: 122 ° F (50 ° C)
Flammability Limits: Upper: 15 % Lower: 2.6 %
Extinguishing Media: Carbon dioxide or powder extinguisher
Special Fire Fighting Procedure: Carbon or powder extinguisher
Unusual fire and explosive hazards and physical hazards: None

Section 5 **REACTIVE DATA**

Stability: Stable
Conditions to avoid: Not reactive
Incompatibility: Not reactive
Hazardous decomposition products: Not reactive
Hazardous polymerization: N/A

Section 6 **HEALTH EFFECTS OF EXPOSURE**

Eyes: Extremely irritating. Flush with plenty of water and seek medical help.
Skin: May cause inflammation. Wash thoroughly with soap and water.
Ingestion: Vomit and seek medical help.
Inhalation: Remove affected person to fresh air and keep at rest. If any symptoms persist, seek medical attention.

Health Hazard Data

Primary Routes of Entry: Stated in MSDS
Published Exposure Limits: Stated in MSDS
Listed as Carcinogen: No

Effects of Overexposure: In case of skin contact, wash with soap and water at once. If contacted on clothing, remove immediately.

Emergency and First Aid Procedures

If product contacts skin wash with soap and water. Eyes-flush with water 15 minutes. If eye contact occurs, seek medical treatment. If swallowed vomit and seek medical help. Use in well ventilated area.

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 vapors. Wipe off with cloth or absorbent material and place into an airtight container. Adequate respirator and chemical resistant gloves are recommended.

Section 8 **RECOMMENDED CONTROL MEASURES**

Respiration Protection:	Normally not required due to small contents of fluid.
Ventilation:	Well ventilated area
Protective Gloves:	Yes
Eye Protection:	Safety glasses
Other Protective Equipment:	Clothing appropriate to prevent skin contact.

Section 9 **SPECIAL PRECAUTIONS**

Precautions to be taken in handling or storage:	Keep from heat and open flame . Use in well ventilated area. Keep from small children. Do not open back plug of pen. Keep pen capped when not in use. In case of skin contact wash off with alcohol.
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Section 10 **TRANSPORTATION DATA**

VOC:	=	N/A
SARA:	=	N/A
		Do not throw or 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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