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MATERIAL SAFETY DATA SHEET

MSDS-2690

HP P/N 51625A

CIC MSDS #2690
HP FIRST #2402

HP P/N 51625A

Product Name: Print Cartridges for DeskJet 500C, DeskJet 550C, DeskWriter C, and DeskWriter 550C.

HP Product Numbers: 51625A (Plain Paper, Tri-Chamber Color)

-----1. GENERAL -----

Manufacturer's Name: Hewlett-Packard Company
Emergency Phone Number for Ingestion: Call local Poison Control Center

Backup Emergency Phone Number and Product Information: (503) 757-2000

NOTE: All data presented below refer to the ink in above products. Print cartridges are exempted as articles from the OSHA Communication Standard. This MSDS is made available by Hewlett-Packard as a service to its customers.

-----2. INGREDIENTS (% wt/wt) (PEL or TLV) -----

1,5 - Pentanediol <12%	CAS # 111-29-5	(No workplace exposure limits)
Various Dyes < 6%	- Identity of dyes held as a trade secret	(No workplace exposure limits defined for any dye)
Tetramethylammonium	CAS # 75-57-0	(No workplace exposure limits)
(Yellow ink only)		
Water and minor ingredients < 95%		

-----3. PHYSICAL AND CHEMICAL CHARACTERISTICS -----

Boiling Point:	above 110 DEG. C
Vapor Pressure:	15 mm Hg at 20 DEG. C*
Specific Gravity:	1.1
Vapor Density:	3.0*
Solubility in Water:	Completely Miscible, Freezing Point: below 0 DEG. C*
Appearance and Odor:	Colored liquid, practically odorless

-----4. FIRE AND EXPLOSION HAZARD DATA -----

Flash Point:	>124 DEG. C*
Autoignition Temp.:	>230 DEG. C*

Extinguishing Media: Water, dry chemical, carbon dioxide, foam

Special Firefighting Procedures: None

*estimate

Note: If (R*) appears in this document it represents "Registered Trademark".

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-----5. REACTIVITY DATA -----

Stability (Conditions to Avoid): Stable under normal storage conditions

Incompatibility (Materials to Avoid): None

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur

-----6. HEALTH HAZARD DATA -----

Routes of Entry: Skin and ingestion. Inhalation is unlikely to be a route of entry.

Acute Health Hazards:

Oral - blue, red, black and yellow inks LD50 >2000 mg/kg*
Dermal - all inks LD50 > 2000 mg/kg*

Skin Irritation: All inks non-irritating

Eye Irritation: All inks non-irritating

Mutagenicity: All inks non-mutagenic

Carcinogenicity: No components are listed carcinogens in the NTP Annual Report or found to be carcinogenic by IARC or OSHA.

-----7. FIRST AID -----

Signs and Symptoms of Exposure: Dyes in ink make exposure easy to detect. Symptoms of exposure are described below.

Eyes: Contact with eyes may cause irritation. Flush with large amounts of warm water for at least 15 minutes.

Skin: None of the inks are toxic by skin contact. Contact with skin may cause irritation. Wash affected area with soap and water.

Oral: Ingestion of ink may result in gastric disturbances. Dilute with water. Get medical attention.

-----8. PRECAUTIONS FOR SAFE HANDLING AND USE -----

Handling and Storage: Keep out of the reach of children. Avoid contact between the gold cartridge face and eyes, skin and clothing. Rapid removal of ink with soap and water from skin prevents irritation and staining.

Leaks: Use absorbent towel to wipe up ink. Rinse area with damp cloth to remove remaining traces of ink.

Disposal of Used Print Cartridges: Dispose of in accordance with all applicable federal, state and local laws.

-----9. CONTROL MEASURES -----

No special control measures are required when using print cartridges.

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-----10. REGULATORY INFORMATION (Not meant to be all-inclusive) -----

Toxic Substances Control Act - all components listed in TSCA Inventory or exempted under 40 CFR 723.50

SARA 313 - pens are exempted as articles

DOT/IATA - pens are not regulated by DOT 49 CFR or IATA

California Proposition 65 - no listed chemicals

Canadian Ingredient Disclosure List - no listed chemicals

Massachusetts Substance List - no listed chemicals

New Jersey Right to Know List - no listed chemicals

Pennsylvania Hazardous Substance List - no listed chemicals

Date Prepared: November 12, 1992

Prepared By: Michael Holcomb

DISCLAIMER: This Material Safety Data Sheet is offered without charge to the customers of Hewlett-Packard. Data is the most current known to Hewlett-Packard at the time of preparation and is believed to be accurate. No warranty as to its accuracy or completeness is expressed or implied.

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