

75239



MATERIAL SAFETY DATA SHEET

MSDS-2537

HP P/N 51604A

CIC MSDS #2537
HP FIRST #2404

HP P/N 51604A
P/N 92261A
P/N 51605B
P/N 51605G
P/N 51605R

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Product Name: Print Cartridges for ThinkJet, QuietJet and Quietjet Plus

HP Product Numbers:	51604A (Plain Paper, Black)
	92261A (JetPaper, Black)
	51605B (JetPaper, Blue)
	51605G (JetPaper, Green)
	51605R (JetPaper, Red)

-----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) -----

Diethylene Glycol (CAS #111-46-6) and/or tetraethylene glycol (CAS# 112-60-7) and/or ethylene glycol (CAS #107-21-1) <60% (No workplace exposure limits)

Various Dyes < 6% - Identity of dyes held as a trade secret (No workplace exposure limits)

Tetramethylammonium CAS # 75-57-0 (No workplace exposure limits) (black ink only, HP # 51604A)

Balance is water

* estimate (LT) = less than (GT) = greater than

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

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-----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

-----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, and black 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: non-mutagenic
 Carcinogenicity: No components are listed carcinogens in the NTP Annual Report or found to be carcinogenic by IARC or OSHA.

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