



# MATERIAL SAFETY DATA SHEET

## 1. Chemical product and company identification

**Product name** 40-6425

**Recommended use of the chemical and restrictions on use**

**Intended use** Inkjet printing

**Company identification** Hewlett-Packard Japan, Ltd.  
2-2-1 Ojima, Koto-ku, Tokyo, 136-8711 Japan  
Telephone (+81) 3 5628-1101

Hewlett-Packard health effects line  
(Toll-free within the US) 1-800-457-4209  
(Direct) 1-503-494-7199  
HP Customer Care Line  
(Toll-free within the US) 1-800-474-6836  
(Direct) 1-208-323-2551  
Email: hpcustomer.inquiries@hp.com  
Poison Information Centre 0120-50-3024

## 2. Hazards identification

**Classification** Xn;R22, Xi;R36

**Physical hazards** Not classified as a physical hazard.

**Health hazards** Harmful if swallowed. Irritating to eyes.

**Environmental hazards** Not classified as an environmental hazard.

**Other hazards** Contains Nickel. May cause cancer.

Diphenyl (2,4,6-trimethylbenzoyl) phosphineoxide - In animal testing, risk of impaired fertility was shown only after repeated ingestion of very high doses of this substance.

## 3. Composition/information on ingredients

Substance or mixture	Mixture	
Components	CAS #	Percent
2-phenoxyethyl Acrylate	48145-04-6	<50
Polyether Acrylate		<15
Difunctional acrylic monomer	84170-74-1	<7.5
Dipentaerythritol pentaacrylate esters	60506-81-2	<5
Diphenyl (2,4,6-trimethylbenzoyl) phosphine	75980-60-8	<5
Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione Complexes	68511-62-6	<2.5
Propiophenone derivative	Proprietary	<2.5
<b>Synonym(s)</b>	HP XP221 Yellow Scitex Ink	

## 4. First aid measures

**If inhaled** Move to fresh air. If symptoms persist, get medical attention.

**If on skin** Wash affected area with mild soap and water. If irritation persists get medical attention.

**If in eyes** Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or until particles are removed. If irritation persists get medical attention.

**If swallowed** If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.

**Most important symptoms and effects** No data available

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## 5. Fire-fighting measures

<b>Flash point</b>	Not available.
<b>Extinguishing media</b>	Dry powder. Carbon dioxide (CO <sub>2</sub> ). Water may be ineffective.
<b>Extinguishing media to avoid</b>	Water.
<b>Protection of fire-fighters</b>	Avoid runoff into storm sewers and ditches which lead to waterways.

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## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency measures</b>	Wear appropriate personal protective equipment.
<b>Environmental precautions</b>	Do not let product enter drains. Do not flush into surface water or sanitary sewer system.
<b>Clean-up methods and materials and containment measures</b>	Not available.

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## 7. Handling and storage

### Handling

<b>Technical measures</b>	Not available.
<b>Local and general ventilation</b>	Not available.
<b>Precautions</b>	Not available.
<b>Safe handling advice</b>	Avoid contact with skin, eyes and clothing.

### Storage

<b>Technical measures</b>	Do not handle or store near an open flame, heat or other sources of ignition. Keep away from excessive heat or cold. Do not store in direct sunlight.
<b>Suitable storage conditions</b>	Not available.
<b>Incompatible products</b>	No data.
<b>Safe packaging materials</b>	Not available.

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## 8. Exposure controls/personal protection

### Recommended monitoring procedures

**Additional exposure data** Exposure limits have not been established for this product.

**Engineering measures** Use in a well ventilated area. Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended exposure limits.

### Personal protective equipment

<b>Respiratory protection</b>	Not available.
<b>Hand protection</b>	Nitrile rubber.
<b>Eye protection</b>	Not available.
<b>Skin and body protection</b>	Not available.

**Hygiene measures** Handle in accordance with good industrial hygiene and safety practice. Launder contaminated clothing before reuse. Keep away from food and drink.

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## 9. Physical and chemical properties

### Appearance

<b>Physical state</b>	Liquid.
<b>Color</b>	Yellow.

**Odor** Characteristic.

**Odor threshold** No information available.

**pH** Not applicable.

**Melting point/Freezing point** Not determined.

**Boiling point, initial boiling point, and boiling range** Not determined.

<b>Flash point</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not determined.
<b>Evaporation rate</b>	Not determined.
<b>Specific gravity</b>	Not available.
<b>Solubility</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Other data</b>	
<b>Oxidizing properties</b>	Not determined
<b>VOC (Weight %)</b>	< 95 g/L

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## 10. Stability and reactivity

<b>Stability</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization can occur with decreased inhibitor content.
<b>Conditions to avoid</b>	Exposure to sunlight.
<b>Incompatible materials</b>	oxidizing agents alkaline metals strong bases
<b>Hazardous decomposition products</b>	Nitrogen oxides (NO <sub>x</sub> ). Carbon monoxide hydrocarbons

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## 11. Toxicological information

<b>General information</b>	Not available.
<b>Information on likely routes of exposure</b>	
<b>Ingestion</b>	Not available.
<b>Inhalation</b>	Not available.
<b>Skin contact</b>	Not available.
<b>Eye contact</b>	Not available.
<b>Symptoms</b>	Not available.
<b>Acute toxicity</b>	No data available.
<b>Carcinogenicity</b>	No data available.
<b>Specific target organ toxicity - single exposure</b>	No data available.
<b>Specific target organ toxicity - repeated exposure</b>	No data available
<b>Other information</b>	Complete toxicity data are not available for this specific formulation

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## 12. Ecological information

<b>Ecotoxicity</b>	Not available.
<b>Mobility in soil</b>	No data available.

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## 13. Disposal considerations

<b>Contaminated packaging</b>	No special precautions.
<b>Local disposal regulations</b>	Do not dispose of together with general office waste. Do not allow this material to drain into sewers/water supplies. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. Ensure collection and disposal with an appropriately licensed waste contractor.

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## 14. Transport information

### International regulations

#### IATA

Not regulated as dangerous goods.

#### IMDG

Not regulated as dangerous goods.

#### ADR

Not regulated as dangerous goods.

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## 15. Regulatory information

### Industrial Safety and Health Act

#### Specified substances regulation

##### Class 1 designated chemical substances

Not regulated.

##### Class 2 designated chemical substances

Not regulated.

##### Class 3 designated chemical substances

Not regulated.

#### Organic solvent regulation

##### Class 1 organic solvents

Not regulated.

##### Class 2 organic solvents

Not regulated.

##### Class 3 organic solvents

Not regulated.

#### Notifiable substances

Not regulated.

#### Labeling substances

Not regulated.

### Poisonous and Deleterious Substances Control Act

#### Specified poisonous substances

Not regulated.

#### Poisonous substances

Not regulated.

#### Deleterious substances

Not regulated.

### Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc.

#### Class I specified chemical substances

Not regulated.

#### Class II specified chemical substances

Not regulated.

#### Monitoring chemical substances

Not regulated.

#### Priority Assessment Chemical Substances (PACs)

Not regulated.

#### Reporting Exempted Substances

Not regulated.

### Law concerning Pollutant Release and Transfer Register

#### Specified class 1 substances (substance name, ordinance number and content)

Not regulated.

#### Class 1 substances (substance name, ordinance number and content)

Not regulated.

#### Class 2 substances (substance name, ordinance number and content)

Not regulated.

### Fire Service Act

Class 4 Group 3 oils (Non-water soluble) Hazard rank III

### Ship Safety Law, Dangerous Goods Marine Transport and Storage Rule

Not regulated.

### Air Law, Enforcement Rule

Not regulated.

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**Explosives Control Act**

Not regulated.

**High Pressure Gas Safety Act**

Not regulated.

**Act on Prevention of Marine Pollution and Maritime Disaster**

Not regulated.

**Waste Management and Public Cleansing Act**

Not regulated.

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**16. Other information**

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<b>This data sheet contains changes from the previous version in section(s):</b>	Hazards identification: Other hazards
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<b>Manufacturer information</b>	Hewlett-Packard Company 3000 Hanover Street Palo Alto, California 94304-1112 US (Direct) +972 (9) 892-4628

**Explanation of abbreviations**

<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists
<b>CAS</b>	Chemical Abstracts Service
<b>CERCLA</b>	Comprehensive Environmental Response Compensation and Liability Act
<b>CFR</b>	Code of Federal Regulations
<b>COC</b>	Cleveland Open Cup
<b>DOT</b>	Department of Transportation
<b>EPCRA</b>	Emergency Planning and Community Right-to-Know Act (aka SARA)
<b>IARC</b>	International Agency for Research on Cancer
<b>NIOSH</b>	National Institute for Occupational Safety and Health
<b>NTP</b>	National Toxicology Program
<b>OSHA</b>	Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>RCRA</b>	Resource Conservation and Recovery Act
<b>REC</b>	Recommended
<b>REL</b>	Recommended Exposure Limit
<b>SARA</b>	Superfund Amendments and Reauthorization Act of 1986
<b>STEL</b>	Short-Term Exposure Limit
<b>TCLP</b>	Toxicity Characteristics Leaching Procedure
<b>TLV</b>	Threshold Limit Value
<b>TSCA</b>	Toxic Substances Control Act
<b>VOC</b>	Volatile Organic Compounds