



# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Identification of the substance/preparation** CD403 Series  
**Use of the substance/preparation** Inkjet printing  
**Version #** 01  
**Issue date** 29-Aug-2014  
**Synonym(s)** HP DS100 Specialty Textile Light Cyan Scitex Ink  
**Product Code** U.S. and Canada only  
**Manufacturer information** Hewlett-Packard Company  
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## 2. HAZARDS IDENTIFICATION

**Classification** Xn;R20/21  
**Physical hazards** Not classified as a physical hazard.  
**Health hazards** Harmful by inhalation and in contact with skin.  
**Environmental hazards** Not classified as an environmental hazard.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS #	Percent	EC-No.	Classification
Ethylene Glycol, Monobutyl Ether Acetate	112-07-2	60 - 80	203-933-3	Xn;R21/22
Dye(s)	Trade Secret	10 - 15		
Copolymer	Trade Secret	2.5 - 10		
Additives	Trade Secret	5 - 6		Xi;R36/37, R66-67

## 4. FIRST AID MEASURES

**Inhalation** Move to fresh air. If symptoms persist, get medical attention.  
**Skin contact** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If irritation persists get medical attention. Remove and isolate contaminated clothing and shoes. Thoroughly wash (or discard) clothing and shoes before reuse.  
**Eye contact** In case of contact, immediately flush eyes with large amounts of water, continuing to flush for 15 minutes. If irritation persists get medical attention.  
**Ingestion** If swallowed, seek medical advice immediately and show this container or label.  
**Notes to physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media** CO2, water, dry chemical, or foam  
**Extinguishing media which must not be used for safety reasons** Water may be ineffective. Do not use a solid water stream as it may scatter and spread fire.

<b>Unusual fire &amp; explosion hazards</b>	None known.
<b>Fire fighting equipment/instructions</b>	Firefighters should wear full protective clothing including self contained breathing apparatus.
<b>Specific methods</b>	Water mist may be used to cool closed containers.
<b>Hazardous combustion products</b>	Carbon monoxide and carbon dioxide.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Methods for cleaning up</b>	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
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## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid breathing vapors or mists of this product. Avoid contact with skin, eyes and clothing. Do not taste or swallow. Keep away from heat, sparks and open flame - No smoking. Use only with adequate ventilation. Wash thoroughly after handling. Avoid contact of this material with heat, oxidizing agents, and acids.
<b>Storage</b>	Store in accordance with local/regional/national/international regulation.  Keep in a well-ventilated place. Keep container closed when not in use. Store this product in air-tight containers away from sources of heat and light.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational exposure limits

#### US. ACGIH Threshold Limit Values

Components	Type	Value
Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)	TWA	20 ppm

#### Turkey. OELs. Regulation on Protection of Health & Safety Measures from Risks related to Chemical Agents at Work, Annex I, Indicative Occupational Exposure Limit Values

Components	Type	Value
Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)	STEL	333 mg/m3
	TWA	50 ppm 133 mg/m3 20 ppm

<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
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### Recommended monitoring procedures

<b>Additional exposure data</b>	None established.
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#### Turkey OELs: Skin designation:

Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)	Can be absorbed through the skin.
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<b>Engineering measures to reduce exposure</b>	Use in a well ventilated area. Ensure adequate ventilation, especially in confined areas. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended exposure limits.
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### Personal protective equipment

<b>Eye protection</b>	Avoid contact with eyes Wear safety glasses; chemical goggles (if splashing is possible).
<b>Skin and body protection</b>	Use personal protective equipment to minimize exposure to skin and eye.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

<b>Physical state</b>	Not available.
<b>Form</b>	Not available.
<b>Color</b>	Light Cyan

<b>Odor</b>	Not available.
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<b>Odor threshold</b>	Not available.
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<b>pH</b>	Not applicable.
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<b>Boiling point</b>	Not determined.
<b>Flash point</b>	168.8 °F (76.0 °C) Closed Cup
<b>Flammability limits in air, upper, % by volume</b>	Not available.
<b>Flammability limits in air, lower, % by volume</b>	Not available.
<b>Vapor pressure</b>	Not determined.
<b>Relative density</b>	Not available.
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Evaporation rate</b>	Not determined.
<b>Melting point/Freezing point</b>	Not determined.
<b>Auto-ignition temperature</b>	Not available.
<b>VOC</b>	< 850 g/L
<b>Other data</b>	
<b>Density</b>	1.00 g/cm3
<b>Flash point class</b>	Combustible IIIA
<b>Specific gravity</b>	0.94 @ 20 Degrees C

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## 10. STABILITY AND REACTIVITY

<b>Conditions to avoid</b>	Not available.
<b>Hazardous decomposition products</b>	None known.
<b>Stability</b>	Stable at normal conditions
<b>Materials to avoid</b>	strong oxidizing agents Strong acids and strong alkalis. oxidizing agents
<b>Hazardous polymerization</b>	Will not occur.

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## 11. TOXICOLOGICAL INFORMATION

Toxicological data		
Components	Species	Test Results
Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	1500 mg/kg
<i>Oral</i>		
LD50	Rat	2400 mg/kg
<i>Other</i>		
LD50	Mouse	754 mg/kg
<b>Toxicological 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>Environmental effects</b>	Not available.
<b>Aquatic toxicity</b>	Not available.

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## 13. DISPOSAL CONSIDERATIONS

<b>Disposal instructions</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

### ADR

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not available.

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## 15. REGULATORY INFORMATION

### Labeling

**Contains** Additives, Copolymer, Dye(s), Ethylene Glycol, Monobutyl Ether Acetate

### Symbol(s)



Harmful

**R-phrases(s)** R20/21 Harmful by inhalation and in contact with skin.

**S-phrases(s)** S36/37 Wear suitable protective clothing and gloves.

S51 Use only in well-ventilated areas.

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## 16. OTHER INFORMATION

### Wording of the R-phrases in sections 2 and 3

R20/21 Harmful by inhalation and in contact with skin.  
R21/22 Harmful in contact with skin and if swallowed.  
R36/37 Irritating to eyes and respiratory system.  
R66 Repeated exposure may cause skin dryness or cracking.  
R67 Vapours may cause drowsiness and dizziness.

### Disclaimer

This Safety Data Sheet document is provided without charge to customers of Hewlett-Packard Company. Data is the most current known to Hewlett-Packard Company at the time of preparation of this document and is believed to be accurate. It should not be construed as guaranteeing specific properties of the products as described or suitability for a particular application. This document was prepared to the requirements of the jurisdiction specified in Section 1 above and may not meet regulatory requirements in other countries.

### This data sheet contains changes from the previous version in section(s):

1. Product and Company Identification: Alternate Trade Names  
11. Toxicological Information: Toxicological Data

## 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

## Manufacturer information

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