



# SAFETY DATA SHEET

## 1. Identification of the dangerous substance/preparation and the identity of the manufacturer, importer, agent or marketer

<b>Identification of the substance/preparation</b>	CD401 Series
<b>Use of the substance/preparation</b>	Inkjet printing
<b>Issue date</b>	16-Aug-2016
<b>Version #</b>	01
<b>Synonym(s)</b>	HP DS100 Specialty Textile Yellow Scitex Ink
<b>Company identification</b>	HP PPS Israel Ltd. 9 Dafna Street, 3rd Floor (West Wing) Ra'anana, Israel 43662 Telephone +972 9 7623222
	HP Inc. health effects line (Toll-free within the US) 1-800-457-4209 (Direct) 1-760-710-0048 HP Inc. Customer Care Line (Toll-free within the US) 1-800-474-6836 (Direct) 1-208-323-2551 Email: hpcustomer.inquiries@hp.com

## 2. Dangers of the dangerous substance/preparation

<b>Classification</b>	Xn;R20/21
<b>Physical hazards</b>	Not classified as a physical hazard.
<b>Health hazards</b>	Harmful by inhalation and in contact with skin.
<b>Environmental hazards</b>	Not classified as an environmental hazard.
<b>GHS label elements</b>	
<b>Signal word</b>	Warning



<b>Hazard statement</b>	Combustible liquid. Harmful in contact with skin.
<b>Precautionary statement</b>	
<b>Prevention</b>	P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Response</b>	P370 + P378 - In case of fire: Use sand, carbon dioxide (CO <sub>2</sub> ) or dry chemical to extinguish. P302 + P352 - IF ON SKIN: Wash with plenty of soap and water. P312 - Call a POISON CENTER/doctor/physician if you feel unwell. P363 - Wash contaminated clothing before reuse.
<b>Storage</b>	P403 + P235 - Store in a well-ventilated place. Keep cool.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Other hazards</b>	Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.

## 3. Identification of the components of the substance/preparation

Components	CAS #	Percent
Ethylene Glycol, Monobutyl Ether Acetate	112-07-2	<90
Ethylacetate	141-78-6	<2.5

**Substance or Preparation** Preparation

---

## 4. First aid instructions

### First aid measures for different exposure routes

<b>Inhalation</b>	Move to fresh air. If symptoms persist, get medical attention.
<b>Skin contact</b>	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.
<b>Eye contact</b>	In case of contact, immediately flush eyes with large amounts of water, continuing to flush for 15 minutes. If irritation persists get medical attention.
<b>Ingestion</b>	If swallowed, seek medical advice immediately and show this container or label.
<b>Notes to physician</b>	Treat symptomatically.
<b>Special first aid equipment</b>	Not available.

---

## 5. Firefighting procedure

<b>Flash point</b>	> 145.0 °F (> 62.8 °C) (Closed Cup)
<b>Fire fighting equipment/instructions</b>	Firefighters should wear full protective clothing including self contained breathing apparatus.
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	CO <sub>2</sub> , water, dry chemical, or foam
<b>Extinguishing media which must not be used for safety reasons</b>	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>Specific hazards during fire fighting</b>	Not available.
<b>Special fire fighting procedures</b>	Firefighters should wear full protective clothing including self contained breathing apparatus.
<b>Protection of fire-fighters</b>	Not available.
<b>Specific methods</b>	Water mist may be used to cool closed containers.
<b>Hazardous combustion products</b>	Carbon monoxide and carbon dioxide.

---

## 6. Safety precautions

<b>Personal precautions</b>	Not available.
<b>Environmental precautions</b>	Not available.
<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).
<b>Other information</b>	Soak up with inert absorbent material. Dispose of in compliance with federal, state, and local regulations.

---

## 7. Handling and storage

<b>Handling</b>	Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Wear personal protective equipment.
<b>Storage</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks and flame.
<b>Storage</b>	
<b>Special recommendations</b>	Not available.
<b>Safe packaging materials</b>	Not available.

---

## 8. Means of reducing exposure and personal protection

<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.
--	---

**Occupational exposure limits****Israel. OELs (Labor Inspection Regs. (Occup. & Bio. Monitoring of those Working with Hazardous Materials), Appendix 2, 1990, as amended)**

Components	Type	Value
Ethylacetate (CAS 141-78-6)	TWA	400 ppm
Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)	TWA	20 ppm

**US. ACGIH Threshold Limit Values**

Components	Type	Value
Ethylacetate (CAS 141-78-6)	TWA	400 ppm
Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)	TWA	20 ppm

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Exposure guidelines** None established.

**Personal protective equipment**

**Respiratory protection** Not available.

**Hand protection** Recommended gloves: Nitrile 6 mil minimum thickness.

**Eye protection** Avoid contact with eyes  
Wear safety glasses; chemical goggles (if splashing is possible).

**Skin and body protection** Use personal protective equipment to minimize exposure to skin and eye.

**Hygiene measures** Not available.

**9. Physical and chemical properties****Appearance**

**Physical state** Not available.

**Color** Yellow

**Odor** Not available.

**pH** Not applicable.

**Melting point/freezing point** Not determined.

**Initial boiling point and boiling range** Not determined.

**Decomposition temperature** Not available.

**Flash point** > 145.0 °F (> 62.8 °C) (Closed Cup)

**Flammability** Not available.

**Auto-ignition temperature** Not available.

**Upper/lower flammability or explosive limits**

**Flammability limit - lower (%)** Not available.

**Flammability limit - upper (%)** Not available.

**Explosive limit - lower (%)** Not available.

**Explosive limit - upper (%)** Not available.

**Oxidizing properties** Not available.

**Vapor pressure** Not determined.

**Solubility(ies)**

**Solubility (water)** Not available.

**Partition coefficient (n-octanol/water)** Not available.

**Other information**

**Evaporation rate** Not determined.

**Specific gravity** 0.94 @ 20 Degrees C

VOC (Weight %) < 850 g/L

## 10. Stability and reactivity

<b>Conditions to avoid</b>	Not available.
<b>Hazardous decomposition products</b>	None known.
<b>Reactivity</b>	Not available.
<b>Chemical stability</b>	Stable at normal conditions
<b>Possibility of hazardous reactions</b>	Will not occur.
<b>Incompatibility</b>	strong oxidizing agents Strong acids and strong alkalis. oxidizing agents
<b>Materials to avoid</b>	Not available.

## 11. Toxicological information

<b>Acute toxicity</b>	Harmful in contact with skin.
<b>Skin corrosion/irritation</b>	Based on available data, the classification criteria are not met.
<b>Serious eye damage/eye irritation</b>	Based on available data, the classification criteria are not met.
<b>Respiratory or skin sensitization</b>	
<b>Respiratory sensitization</b>	Based on available data, the classification criteria are not met.
<b>Skin sensitization</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>ACGIH Carcinogens</b>	
Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)	A3 Confirmed animal carcinogen with unknown relevance to humans.
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity - single exposure</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity - repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.
<b>Further information</b>	Complete toxicity data are not available for this specific formulation

Product	Species	Test Results
CD401 Series		
<b>Acute</b>		
<i>Oral</i>		
LD50	Rat	2400 mg/kg
<b>Components</b>		
<b>Species</b>		
<b>Test Results</b>		
Ethylacetate (CAS 141-78-6)		
<b>Acute</b>		
<i>Inhalation</i>		
LC50	Rat	16000 ppm, 6 Hours
LD50	Mouse	1500 ppm, 4 Hours
	Rabbit	2500 ppm, 4 Hours
	Rat	4000 ppm, 4 Hours
<i>Oral</i>		
LD50	Mouse	0.44 g/kg
	Rabbit	4.9 g/kg
	Rat	11.3 ml/kg
		5.6 g/kg

Components	Species	Test Results
<i>Other</i>		
LD50	Cat	3 g/kg
	Guinea pig	3 g/kg
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

## 12. Environmental information

### Ecotoxicity

Components	Species	Test Results
Ethylacetate (CAS 141-78-6)		

#### Aquatic

Fish	LC50	Indian catfish ( <i>Heteropneustes fossilis</i> )	200.32 - 225.42 mg/l, 96 hours
------	------	---	--------------------------------

**Environmental effects** Not available.

**Persistence and degradability**

**Mobility in soil** Not available.

## 13. Dangerous substance disposal methods

<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. Dispose of in compliance with Israeli Ministry of the Environment and local regulations.
<b>Waste from residues / unused products</b>	Not available.
<b>Contaminated packaging</b>	Not available.
<b>Special precautions</b>	Not available.

## 14. Transport information

<b>DOT</b>	
<b>UN number</b>	NA1993
<b>UN proper shipping name</b>	Combustible liquid n.o.s. (butyl cellosolve acetate) -Not regulated in quantities less than 119 gallons
<b>Transport hazard class(es)</b>	
<b>Class</b>	Combustible
<b>Subsidiary risk</b>	-
<b>Packaging group</b>	III
<b>Special precautions for user</b>	Not available.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

### ADR

Not regulated as dangerous goods.

## 15. Regulatory information

### Israel regulations

**Israel. Harmful Chemicals (Hazardous Substances Law, 5753-1993, Annex 1, as amended)**

Not listed.

**Israel. Toxic Chemicals (Hazardous Substances Law, 5753-1993, Annex 2, as amended)**

Not listed.

**Labeling****Contains** Ethylacetate, 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.

**16. Other information****Recommended use** Not available.**Recommended restrictions** Not available.**Further information** Not available.**Bibliography** Not available.**Disclaimer** This Safety Data Sheet document is provided without charge to customers of HP. Data is the most current known to HP 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.**Full text of any statements or R-phrases and H-statements under Sections 2 to 15**

R11 Highly flammable.  
 R20/21 Harmful by inhalation and in contact with skin.  
 R21/22 Harmful in contact with skin and if swallowed.  
 R36 Irritating to eyes.  
 R66 Repeated exposure may cause skin dryness or cracking.  
 R67 Vapours may cause drowsiness and dizziness.

**Prepared by** HP Chemical Compliance & Toxicology Department

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

1. Product and Company Identification: Synonyms
- Composition/Information on Ingredients
8. Exposure Controls / Personal Protection: OELs
9. Physical & Chemical Properties: Multiple Properties
14. Transport Information: Material Transportation Information
15. Regulatory Information: United States

HazReg Data: Pacific Rim

**Issue date** 16-Aug-2016**Version #** 01

**Manufacturer information** HP Inc.  
 1501 Page Mill Road  
 Palo Alto, CA 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