



# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Material name** CD402 Series  
**Recommended use** Inkjet printing  
**Synonym(s)** HP DS100 Specialty Textile Black Scitex Ink  
**Issue date** 13-Aug-2016  
**Version #** 01  
**Company identification** HP PPS Australia Pty Ltd  
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## 2. HAZARDS IDENTIFICATION

### Classification of the hazardous chemical

**Physical hazards** Not classified.  
**Health hazards** Not classified.  
**Environmental hazards** Not classified.

### GHS label elements

#### Symbols



**Signal words** Warning

**Hazard statement** Combustible liquid. Harmful in contact with skin. May cause an allergic skin reaction.

### Precautionary statement

**Prevention** P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

**Response** 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.  
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P312 - Call a POISON CENTER/doctor/physician if you feel unwell.  
P363 - Wash contaminated clothing before reuse.

**Storage** P403 + P235 - Store in a well-ventilated place. Keep cool.

**Disposal** Dispose of contents/container in accordance with local/regional/national/international regulations.

**Other hazards** Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.

**Regulatory status** Australia: Hazardous substance. Non-Dangerous goods.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS #	Percent
Ethylene Glycol, Monobutyl Ether Acetate	112-07-2	<90
1,4-diaminoanthraquinone	128-95-0	<5
Ethylacetate	141-78-6	<5

## 4. FIRST AID MEASURES

**Inhalation** 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.

## 5. FIRE-FIGHTING MEASURES

<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>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>HAZCHEM code</b>	None.
<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).
<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.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational exposure limits

#### 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

#### Australia. National Workplace OELs (Workplace Exposure Standards for Airborne Contaminants, Appendix A)

Components	Type	Value
Ethylacetate (CAS 141-78-6)	STEL	1440 mg/m <sup>3</sup>
		400 ppm
	TWA	720 mg/m <sup>3</sup>
Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)	STEL	200 ppm
		333 mg/m <sup>3</sup>
	TWA	50 ppm
		133 mg/m <sup>3</sup>
		20 ppm

#### Australia. OELs. (Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment)

Components	Type	Value
Ethylacetate (CAS 141-78-6)	STEL	1440 mg/m <sup>3</sup>
		400 ppm

## Australia. OELs. (Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment)

Components	Type	Value
Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)	TWA	720 mg/m <sup>3</sup>
		200 ppm
	STEL	333 mg/m <sup>3</sup>
	TWA	50 ppm
		133 mg/m <sup>3</sup>
		20 ppm

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

### Recommended monitoring procedures

**Additional exposure data** None established.

#### Australia OELs: Skin designation

Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2) Can be absorbed through the skin.

**Engineering measures to reduce exposure** 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.

### Personal protective equipment

**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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

**Physical state** Not available.

**Color** Black.

**Odor** Not available.

**Odor threshold** Not available.

**pH** Not applicable.

**Vapor pressure** Not determined.

**Boiling point** Not determined.

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

**Solubility (water)** Not available.

**Specific gravity** 0.94 @ 20 Degrees C

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

**Flammability limits in air, upper, % by volume** Not available.

**Flammability limits in air, lower, % by volume** Not available.

**Auto-ignition temperature** Not available.

**VOC** < 850 g/L

**Evaporation rate** Not determined.

## 10. STABILITY AND REACTIVITY

**Chemical stability** Stable at normal conditions

**Conditions to avoid** Not available.

**Materials to avoid** strong oxidizing agents Strong acids and strong alkalis. oxidizing agents

**Hazardous decomposition products** None known.

**Hazardous polymerization** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity** 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>Skin sensitization</b>	May cause sensitization by skin contact.
<b>Respiratory sensitizer</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>Mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductivity</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 toxicity</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

<b>Toxicological data</b>		
<b>Product</b>	<b>Species</b>	<b>Test Results</b>
CD402 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
<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. ECOLOGICAL INFORMATION

<b>Ecotoxicological data</b>		
<b>Components</b>	<b>Species</b>	<b>Test Results</b>
Ethylacetate (CAS 141-78-6)		
<b>Aquatic</b>		
Fish	LC50	Indian catfish (Heteropneustes fossilis) 200.32 - 225.42 mg/l, 96 hours
<b>Ecotoxicity</b>	This product has not been tested for ecological effects.	
<b>Bioaccumulation</b>		

**Bioaccumulative potential****Octanol/water partition coefficient log Kow**

Ethylacetate

0.73

**Environmental effects** Not available.

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**13. DISPOSAL CONSIDERATIONS****Disposal instructions**

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****DOT**

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

**IATA**

Not regulated as dangerous goods.

**IMDG**

Not regulated as dangerous goods.

**ADR**

Not regulated as dangerous goods.

**HAZCHEM code** None.

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**15. REGULATORY INFORMATION****National regulations** No information available.**Australia HVIC: Listed substance**

Ethylacetate (CAS 141-78-6)

Listed.

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**16. OTHER INFORMATION****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.

**Prepared by**

HP Chemical Compliance &amp; Toxicology Department

**Issue date**

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**Version #**

01

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

Composition / Information on Ingredients  
9. Physical & Chemical Properties: Multiple Properties  
15. Regulatory Information: United States  
GHS: Classification

**Manufacturer information**

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## 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