




SAFETY DATA SHEET

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

Identification of the substance/preparation	CD402 Series
Use of the substance/preparation	Inkjet printing
Issue date	13-Aug-2016
Version #	01
Synonym(s)	HP DS100 Specialty Textile Black Scitex Ink
Company identification	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

Classification	Xn;R20/21, R43
Physical hazards	Not classified as a physical hazard.
Health hazards	Harmful by inhalation and in contact with skin. May cause sensitization by skin contact.
Environmental hazards	Not classified as an environmental hazard.
GHS label elements	
Signal word	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 (CO2) 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.

3. Identification of the components of the substance/preparation

Components	CAS #	Percent
Ethylene Glycol, Monobutyl Ether Acetate	112-07-2	<90

Components	CAS #	Percent
1,4-diaminoanthraquinone	128-95-0	<5
Ethylacetate	141-78-6	<5

Substance or Preparation Preparation

4. First aid instructions

First aid measures for different exposure routes

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.

Special first aid equipment Not available.

5. Firefighting procedure

Flash point	> 145.0 °F (> 62.8 °C) (Closed Cup)
Fire fighting equipment/instructions	Firefighters should wear full protective clothing including self contained breathing apparatus.
Extinguishing media	
Suitable extinguishing media	CO ₂ , 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.
Unusual fire & explosion hazards	None known.
Specific hazards during fire fighting	Not available.
Special fire fighting procedures	Firefighters should wear full protective clothing including self contained breathing apparatus.
Protection of fire-fighters	Not available.
Specific methods	Water mist may be used to cool closed containers.
Hazardous combustion products	Carbon monoxide and carbon dioxide.

6. Safety precautions

Personal precautions	Not available.
Environmental precautions	Not available.
Methods for cleaning up	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).
Other information	Soak up with inert absorbent material. Dispose of in compliance with federal, state, and local regulations.

7. Handling and storage

Handling	Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Wear personal protective equipment.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks and flame.

Storage**Special recommendations** Not available.**Safe packaging materials** Not available.**8. Means of reducing exposure and personal protection****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.

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** Black.**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

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

11. Toxicological information

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

Product	Species	Test Results
CD402 Series		
Acute		
<i>Oral</i>		
LD50	Rat	2400 mg/kg
Components	Species	Test Results
Ethylacetate (CAS 141-78-6)		
Acute		
<i>Inhalation</i>		
LC50	Rat	16000 ppm, 6 Hours
LD50	Mouse	1500 ppm, 4 Hours
	Rabbit	2500 ppm, 4 Hours

Components	Species	Test Results
	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)		
Acute		
<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 (Heteropneustes fossilis) 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

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.
Dispose of in compliance with Israeli Ministry of the Environment and local regulations.

Waste from residues / unused products Not available.

Contaminated packaging Not available.

Special precautions Not available.

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.

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** 1,4-diaminoanthraquinone, Ethylacetate, Ethylene Glycol, Monobutyl Ether Acetate**Symbol(s)**

Harmful

R-phrases(s) R20/21 Harmful by inhalation and in contact with skin.
R43 May cause sensitization by skin contact.**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.
R43 May cause sensitization by skin contact.
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):** Composition/Information on Ingredients
9. Physical & Chemical Properties: Multiple Properties
15. Regulatory Information: United States
GHS: Classification**Issue date** 13-Aug-2016**Version #** 01**Manufacturer information** HP Inc.
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Explanation of abbreviations

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