



## SAFETY DATA SHEET

### 1. Identification

<b>Important information</b>	*** This Safety Data Sheet is only authorised for use by HP for HP Original products. Any unauthorised use of this Safety Data Sheet is strictly prohibited and may result in legal action being taken by HP. ***	
<b>Product identifier</b>	CN983 Series	
<b>Other means of identification</b>		
<b>Synonyms</b>	HP Scitex TJ100 Supreme Black Ink	
<b>Recommended use of the chemical and restrictions on use</b>		
<b>Recommended use</b>	Inkjet printing.	
<b>Restrictions on use</b>	Not available.	
<b>Details of manufacturer or importer</b>	HP PPS Australia Pty Ltd Rhodes Corporate Park Building F Level 5, 1 Homebush Bay Drive Rhodes NSW 2138 Australia +61 2 8278 4492	
<b>HP Inc. health effects line</b>		
<b>Australia Local Telephone Number</b>	+61 1 800 686 951	
<b>(Toll-free within the US)</b>	1-800-457-4209	
<b>(Direct)</b>	1-760-710-0048	
<b>HP Inc. Customer Care Line</b>		
<b>(Toll-free within the US)</b>	1-800-474-6836	
<b>(Direct)</b>	1-208-323-2551	
<b>Email:</b>	hpcustomer.inquiries@hp.com	

### 2. Hazard(s) identification

#### Classification of the hazardous chemical

<b>Physical hazards</b>	Not classified.	
<b>Health hazards</b>	Acute toxicity, dermal	Category 4
	Acute toxicity, inhalation	Category 4
	Serious eye damage/eye irritation	Category 1
<b>Environmental hazards</b>	Not classified.	

#### Label elements, including precautionary statements

##### Hazard symbol(s)



Corrosion      Exclamation mark

##### Signal word

Danger

##### Hazard statement(s)

Harmful in contact with skin. Harmful if inhaled. Causes serious eye damage.

**Precautionary statement(s)****Prevention**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area.

**Response**

In case of fire: Use sand, carbon dioxide (CO<sub>2</sub>) or dry chemical to extinguish. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center/doctor if you feel unwell. Take off contaminated clothing and wash it before reuse.

**Storage**

Store in a well-ventilated place. Keep cool.

**Disposal**

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

**Other hazards which do not result in classification**

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

**Supplemental information**

None.

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**3. Composition/information on ingredients****Mixture**

Identity of chemical ingredients	CAS number and other unique identifiers	Concentration of ingredients
2-butoxyethyl acetate	112-07-2	<80
Propylene glycol monomethyl ether acetate	Proprietary	<15
Cyclohexanone	108-94-1	<7.5
Black Pigment	Proprietary	<5

**Composition comments**

This product was evaluated according to the criteria of the Australia Work Health and Safety Regulations (WHS Regulations). Carbon black is present only in a bound form in this preparation.

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**4. First-aid measures****Description of necessary first aid measures****Inhalation**

Move person to fresh air immediately.  
If symptoms persist, get immediate medical attention.

**Skin contact**

In case of contact, immediately remove contaminated clothing and flush skin with copious amounts of water. Wash clothing separately before reuse.  
Get medical attention, if needed.

**Eye contact**

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Get medical attention immediately.

**Ingestion**

Rinse mouth out with water. If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting. Never give anything by mouth to an unconscious person.  
Get medical attention immediately.

**Personal protection for first-aid responders**

Not available.

**Symptoms caused by exposure**

Not available.

**Medical attention and special treatment**

Not available.

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**5. Fire-fighting measures****Extinguishing media****Suitable extinguishing media**

Suitable extinguishing media: sand, carbon dioxide (CO<sub>2</sub>), and dry chemical.

**Unsuitable extinguishing media**

Not available.

**Specific hazards arising from the chemical**

Not available.

<b>Special protective equipment and precautions for fire fighters</b>	Firefighters should wear full protective clothing including self contained breathing apparatus. Avoid runoff into storm sewers and ditches which lead to waterways.
<b>Fire fighting equipment/instructions</b>	Move containers from fire area if you can do it without risk.
<b>Hazchem code</b>	None.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** Avoid contact with skin. Avoid inhalation of vapors or mists. Do not touch or walk through spilled material. Ensure adequate ventilation. Remove all sources of ignition. Use personal protective equipment to minimize exposure to skin and eye. In the case of vapor formation use a respirator with an approved filter.

**For emergency responders** Not available.

**Environmental precautions** Do not flush into surface water or sanitary sewer system.

**Methods and materials for containment and cleaning up** Not available.

**Other issues relating to spills and releases** Dispose of in compliance with federal, state, and local regulations.

## 7. Handling and storage

**Precautions for safe handling** Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Wear personal protective equipment.

**Conditions for safe storage, including any incompatibilities** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks and flame.

## 8. Exposure controls and personal protection

### Control parameters

#### Occupational exposure limits

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

Components	Type	Value
2-butoxyethyl acetate (CAS 112-07-2)	STEL	333 mg/m3
		50 ppm
	TWA	133 mg/m3 20 ppm
Black Pigment	TWA	3 mg/m3
		100 mg/m3
Cyclohexanone (CAS 108-94-1)	TWA	25 ppm
		548 mg/m3
	STEL	100 ppm
Propylene Glycol Monomethyl Ether Acetate		274 mg/m3
	TWA	50 ppm

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

Components	Type	Value
2-butoxyethyl acetate (CAS 112-07-2)	STEL	333 mg/m3
		50 ppm
	TWA	133 mg/m3 20 ppm
Black Pigment	TWA	3 mg/m3

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

Components	Type	Value
Cyclohexanone (CAS 108-94-1)	TWA	100 mg/m <sup>3</sup> 25 ppm
Propylene Glycol Monomethyl Ether Acetate	STEL	548 mg/m <sup>3</sup> 100 ppm
	TWA	274 mg/m <sup>3</sup> 50 ppm

**US. ACGIH Threshold Limit Values**

Components	Type	Value	Form
2-butoxyethyl acetate (CAS 112-07-2)	TWA	20 ppm	
Black Pigment	TWA	3 mg/m <sup>3</sup>	Inhalable fraction.
Cyclohexanone (CAS 108-94-1)	STEL	50 ppm	
	TWA	20 ppm	

**UK. EH40 Workplace Exposure Limits (WELs)**

Components	Type	Value
2-butoxyethyl acetate (CAS 112-07-2)	STEL	332 mg/m <sup>3</sup> 50 ppm
	TWA	133 mg/m <sup>3</sup> 20 ppm
Black Pigment	STEL	7 mg/m <sup>3</sup>
	TWA	3.5 mg/m <sup>3</sup>
Cyclohexanone (CAS 108-94-1)	STEL	82 mg/m <sup>3</sup> 20 ppm
	TWA	41 mg/m <sup>3</sup> 10 ppm
Propylene Glycol Monomethyl Ether Acetate	STEL	548 mg/m <sup>3</sup> 100 ppm
	TWA	274 mg/m <sup>3</sup> 50 ppm

**Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)**

Components	Type	Value	Form
2-butoxyethyl acetate (CAS 112-07-2)	TWA	66 mg/m <sup>3</sup>	Vapor and aerosol.
		10 ppm	Vapor and aerosol.
Propylene Glycol Monomethyl Ether Acetate	TWA	270 mg/m <sup>3</sup> 50 ppm	

## Biological limit values

### Germany. TRGS 903, BAT List (Biological Limit Values)

Components	Value	Determinant	Specimen	Sampling Time
2-butoxyethyl acetate (CAS 112-07-2)	100 mg/l	Butoxyessigsäure	Urine	*

\* - For sampling details, please see the source document.

### ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
Cyclohexanone (CAS 108-94-1)	80 mg/l	1,2-Cyclohexanediol, with hydrolysis	Urine	*
	8 mg/l	Cyclohexanol, with hydrolysis	Urine	*

\* - For sampling details, please see the source document.

## Exposure guidelines

### Australia OELs: Skin designation

2-butoxyethyl acetate (CAS 112-07-2)	Can be absorbed through the skin.
Cyclohexanone (CAS 108-94-1)	Can be absorbed through the skin.
Propylene glycol monomethyl ether acetate (CAS Proprietary)	Can be absorbed through the skin.

### US ACGIH Threshold Limit Values: Skin designation

Cyclohexanone (CAS 108-94-1)	Can be absorbed through the skin.
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**Appropriate engineering controls** Not available.

## Individual protection measures, for example personal protective equipment (PPE)

**Eye/face protection** Wear safety glasses; chemical goggles (if splashing is possible).  
Eye wash fountain and emergency showers are recommended.

### Skin protection

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

**Other** Wear appropriate chemical resistant clothing.

**Respiratory protection** Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.

**Thermal hazards** Not available.

**Hygiene measures** Do not get this material in contact with skin. Avoid contact with skin, eyes and clothing.  
When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.  
Launder contaminated clothing before reuse.

## 9. Physical and chemical properties

### Appearance

**Physical state** Not available.

**Form** Liquid.

**Color** Black.

**Odor** Solvent.

**Odor threshold** Not available.

**pH** 5.8 - 6.2 Metler Toledo pH Meter

**Melting point/freezing point** Not available.

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

**Flash point**  $\geq 149.0$  °F ( $\geq 65.0$  °C) Closed Cup EPA Method 1020

**Evaporation rate** Not available.

**Flammability (solid, gas)** Not available.

### Upper/lower flammability or explosive limits

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

<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	13 - 13.8 cP Brookfield Viscometer T 22C Spindle #18 (S18) RPM 100
<b>Other physical and chemical parameters</b>	
<b>VOC</b>	< 893 g/L Calculated

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## 10. Stability and reactivity

<b>Reactivity</b>	Not available.
<b>Chemical stability</b>	Stable at normal conditions.
<b>Possibility of hazardous reactions</b>	None known.
<b>Conditions to avoid</b>	Heat, flames and sparks.
<b>Incompatible materials</b>	Not available.
<b>Hazardous decomposition products</b>	Not available.

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## 11. Toxicological information

### Information on possible routes of exposure

<b>Inhalation</b>	Harmful if inhaled.
<b>Skin contact</b>	Harmful in contact with skin.
<b>Eye contact</b>	Causes serious eye damage.
<b>Ingestion</b>	Ingestion is not a likely route of exposure.

**Symptoms related to exposure** Not available.

**Acute toxicity** Harmful if inhaled. Harmful in contact with skin.

<b>Components</b>	<b>Species</b>	<b>Test Results</b>
Black Pigment		
<u><b>Acute</b></u>		
<b>Oral</b>		
LD50	Rat	> 10000 mg/kg
Cyclohexanone (CAS 108-94-1)		
<u><b>Acute</b></u>		
<b>Inhalation</b>		
Vapor		
LC50	Rat	> 6.2 mg/l, 4 Hours
<b>Skin corrosion/irritation</b>	Based on available data, the classification criteria are not met.	
<b>Serious eye damage/irritation</b>	Causes serious eye damage.	
<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>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.	

**Carcinogenicity** Based on available data, the classification criteria are not met. Carbon black is classified as a carcinogen by the IARC (possibly carcinogenic to humans, Group 2B) and by the State of California under Proposition 65. In their evaluations of carbon black, both organizations indicate that exposure to carbon black, per se, does not occur when it remains bound within a product matrix, specifically, rubber, ink, or paint. None of the other ingredients in this preparation are classified as carcinogens according to ACGIH, EU, IARC, MAK, NTP or OSHA. Carbon black is present only in a bound form in this preparation.

**ACGIH Carcinogens**

Cyclohexanone (CAS 108-94-1)

A3 Confirmed animal carcinogen with unknown relevance to humans.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Cyclohexanone (CAS 108-94-1)

3 Not classifiable as to carcinogenicity to humans.

**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.  
**Other information** Complete toxicity data are not available for this specific formulation.

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**12. Ecological information**

**Ecotoxicity** No ecotoxicity data noted for the ingredient(s).  
**Persistence and degradability** Not available.  
**Bioaccumulative potential**  
**Partition coefficient n-octanol / water (log Kow)**  
Cyclohexanone 0.81  
**Mobility in soil** Not available.  
**Other adverse effects** Not available.

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**13. Disposal considerations**

**Disposal methods** 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. (2-methoxy-1-methylethyl acetate, cyclohexanone) -Not regulated in quantities less than 119 gallons  
**Transport hazard class(es)**  
**Class** Combustible  
**Subsidiary risk** -  
**Packing group** III  
**Special precautions for user** Not available.  
**DOT Supplemental Information** DOT Classification only applies to shipments within the US and Puerto Rico.  
**IATA**  
**UN number** Not available.  
**UN proper shipping name** Not Regulated  
**Transport hazard class(es)**  
**Class** Not available.  
**Subsidiary risk** -  
**Packing group** Not available.  
**Environmental hazards** No  
**Special precautions for user** Not available.

## IMDG

UN number	Not available.
UN proper shipping name	Not Regulated
Transport hazard class(es)	
Class	Not available.
Subsidiary risk	-
Packing group	Not available.
Transport hazard class(es)	
Marine pollutant	No
EmS	Not available.
Special precautions for user	Not available.

## ADR

UN number	Not available.
UN proper shipping name	Not Regulated
Transport hazard class(es)	
Class	Not available.
Subsidiary risk	-
Hazard No. (ADR)	Not available.
Tunnel restriction code	Not available.
Packing group	Not available.
Environmental hazards	No
Special precautions for user	Not available.

**Further information** Transport in bulk according to Annex II of MARPOL73/78 and the IBC code: Not applicable.

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## 15. Regulatory information

### Safety, health and environmental regulations

#### National regulations

##### **Australia Medicines & Poisons Appendix A**

Poisons schedule number not allocated.

##### **Australia Medicines & Poisons Appendix B**

Poisons schedule number not allocated.

##### **Australia Medicines & Poisons Appendix D**

Poisons schedule number not allocated.

##### **Australia Medicines & Poisons Appendix E**

Poisons schedule number not allocated.

##### **Australia Medicines & Poisons Appendix F**

Poisons schedule number not allocated.

##### **Australia Medicines & Poisons Appendix G**

Poisons schedule number not allocated.

##### **Australia Medicines & Poisons Appendix H**

Poisons schedule number not allocated.

##### **Australia Medicines & Poisons Appendix I**

Poisons schedule number not allocated.

##### **Australia Medicines & Poisons Appendix J**

Poisons schedule number not allocated.

##### **Australia Medicines & Poisons Appendix K**

Poisons schedule number not allocated.

##### **Australia Medicines & Poisons Schedule 10**

Poisons schedule number not allocated.

##### **Australia Medicines & Poisons Schedule 2**

Poisons schedule number not allocated.

##### **Australia Medicines & Poisons Schedule 3**

Poisons schedule number not allocated.

##### **Australia Medicines & Poisons Schedule 4**

Poisons schedule number not allocated.



**Australia Medicines & Poisons Schedule 5**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Schedule 6**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Schedule 7**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Schedule 8**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Schedule 9**

Poisons schedule number not allocated.

**High Volume Industrial Chemicals (HVIC)**

Black Pigment (CAS Proprietary)

10000 - 99999 TONNES See the regulation for additional information.

Propylene glycol monomethyl ether acetate (CAS Proprietary)

1000 - 9999 TONNES See the regulation for additional information.

**Importation of Ozone Depleting Substances (Customs(Prohibited imports) Regulations 1956, Schedule 10)**

Not listed.

**National Pollutant Inventory (NPI) substance reporting list**

Not listed.

**Prohibited Carcinogenic Substances**

Not regulated.

**Prohibited Substances (National Model Regulation for the control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994) as amended)**

Not listed.

**Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)**

Not listed.

**Restricted Carcinogenic Substances**

Not regulated.

**International regulations**

All chemical substances in this HP product have been notified or are exempt from notification under chemical substances notification laws in the following countries: US (TSCA), EU (EINECS/ELINCS), Switzerland, Canada (DSL/NDSL), Australia, Japan, Philippines, South Korea, New Zealand, and China.

**Stockholm Convention**

Not applicable.

**Rotterdam Convention**

Not applicable.

**Kyoto protocol**

Not applicable.

**Montreal Protocol**

Not applicable.

**Basel Convention**

Not applicable.

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**16. Other information**

**Issue date** 21-Feb-2018

**Revision date** 06-Apr-2021

**Other information** This SDS was prepared in compliance with the NOHSC document "National Code of Practice for the Preparation of Material Safety Data Sheets", 2003.

## Disclaimer

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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