




# SAFETY DATA SHEET

## 1. Product and company 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>Name of the chemical</b>	CN987 Series	
<b>Other means of identification</b>		
<b>Synonyms</b>	HP Scitex TJ100 Flash Magenta Ink	
<b>Recommended use of the chemical and restrictions on use</b>		
<b>Recommended use</b>	Inkjet printing.	
<b>Recommended restrictions</b>	None known.	
<b>Company identification</b>	HP Taiwan Information Technology Ltd. 10F-2, No. 66 Jing Mao 2 Road P.C 11568 Taipei Taiwan	
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<b>HP Inc. Customer Care Line</b>		
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## 2. Hazards identification

<b>Hazard classification</b>		
<b>Physical hazards</b>	Flammable liquids	Category 4
<b>Health hazards</b>	Acute toxicity, oral	Category 5
	Acute toxicity, dermal	Category 4
	Acute toxicity, inhalation	Category 4
	Serious eye damage/eye irritation	Category 1
<b>Environmental hazards</b>	Not classified.	
<b>Label elements</b>		
<b>Symbols</b>		
<b>Signal word</b>	Danger	
<b>Hazard statement</b>	Combustible liquid. Harmful if inhaled. Causes serious eye damage. Harmful in contact with skin. May be harmful if swallowed.	
<b>Precautionary statement</b>		
<b>Prevention</b>	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.	
<b>Response</b>	In case of fire: Use sand, carbon dioxide (CO2) 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.	
<b>Storage</b>	Store in a well-ventilated place. Keep cool.	
<b>Disposal</b>	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.

**Supplemental information** None.

### 3. Composition/information on ingredients

#### Mixture

Chemical name	CAS Number	Concentration (%)
2-Butoxyethyl acetate	112-07-2	<80
2-methoxy-1-methylethylacetate	108-65-6	<20
Cyclohexanone	108-94-1	<5
Butyl Methacrylate	97-88-1	<0.1

### 4. First aid measures

#### First aid measures for different exposure routes

<b>Inhalation</b>	Move person to fresh air immediately. If symptoms persist, get immediate medical attention.
<b>Skin contact</b>	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.
<b>Eye contact</b>	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.
<b>Ingestion</b>	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.

**Most important symptoms and effects** Not available.

**Personal protection for first-aid responders** Not available.

**Notes to physician** Not available.

### 5. Fire-fighting measures

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

**Extinguishing media to avoid** None.

**Specific hazards during fire fighting** None.

**Special fire fighting procedures** Move containers from fire area if you can do it without risk.

**Protection of fire-fighters** Firefighters should wear full protective clothing including self contained breathing apparatus. Avoid runoff into storm sewers and ditches which lead to waterways.

### 6. Accidental release measures

**Personal precautions** 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.

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

**Spill cleanup methods** Not available.

### 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.

### 8. Exposure controls/personal protection

#### Exposure limits

##### OELs. (Standards on Workplace Atmosphere of Dangerous and Hazardous Materials)

Components	Type	Value
Cyclohexanone (CAS 108-94-1)	TWA	100 mg/m <sup>3</sup>

**OELs. (Standards on Workplace Atmosphere of Dangerous and Hazardous Materials)**

Components	Type	Value
		25 ppm

**US. ACGIH Threshold Limit Values**

Components	Type	Value
2-Butoxyethyl acetate (CAS 112-07-2)	TWA	20 ppm
Cyclohexanone (CAS 108-94-1)	STEL	50 ppm
	TWA	20 ppm

**Biological limit values****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****Taiwan OELs: Skin designation**

Cyclohexanone (CAS 108-94-1) Can be absorbed through the skin.

**US ACGIH Threshold Limit Values: Skin designation**

Cyclohexanone (CAS 108-94-1) Can be absorbed through the skin.

**Appropriate engineering controls** Not available.

**Individual protection measures, such as personal protective equipment**

**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.

**General hygiene considerations** 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** Magenta

**Odor** Solvent.

**Odor threshold** Not available.

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

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

**Boiling point, initial boiling point, and boiling range** Not available.

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

**Flash point** >= 149.0 °F (>= 65.0 °C) Closed Cup EPA Method 1020

**Decomposition temperature** 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.

Vapor pressure Not available.

Vapor density Not available.

Density 1.00 g/cm<sup>3</sup>

**Solubility(ies)**

Solubility (water) Not available.

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

Evaporation rate Not available.

**Other data**

Viscosity 14 - 15 cP Brookfield Viscometer T 22C Spindle #18 (S18) RPM 100

VOC < 907 g/L Calculated

**10. Stability and reactivity**

Stability Stable at normal conditions.

Possibility of hazardous reactions None known.

Conditions to avoid Heat, flames and sparks.

Incompatible materials None.

Hazardous decomposition products None.

**11. Toxicological information****Information on likely routes of exposure**

Inhalation Harmful if inhaled.

Skin contact Harmful in contact with skin.

Eye contact Causes serious eye damage.

Ingestion Ingestion is not a likely route of exposure.

Symptoms Not available.

**Information on toxicological effects**

Acute toxicity May be harmful if swallowed. Harmful if inhaled. Harmful in contact with skin.

Components	Species	Test Results
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Cyclohexanone (CAS 108-94-1)

**Acute****Inhalation**

Vapor

LC50

Rat

> 6.2 mg/l, 4 Hours

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation Causes serious eye damage.

**Respiratory or skin sensitization**

Respiratory sensitization Based on available data, the classification criteria are not met.

Skin sensitization Based on available data, the classification criteria are not met.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

**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.

<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>Chronic effects</b>	Not available.
<b>Other information</b>	. Complete toxicity data are not available for this specific formulation

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## 12. Ecological information

<b>Ecotoxicity</b>	No ecotoxicity data noted for the ingredient(s).
<b>Persistence and degradability</b>	Not available.
<b>Bioaccumulation</b>	
<b>Bioaccumulative potential</b>	
<b>Octanol/water partition coefficient log Kow</b>	
Butyl Methacrylate	2.88
Cyclohexanone	0.81
<b>Mobility in soil</b>	Not available.
<b>Other hazardous effects</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.
<b>Residual waste</b>	Not available.
<b>Contaminated packaging</b>	Not available.
<b>Local disposal regulations</b>	Not available.

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## 14. Transport information

<b>DOT</b>	
<b>UN number</b>	NA1993
<b>UN proper shipping name</b>	Combustible liquid n.o.s. (2-methoxy-1-methylethyl acetate, cyclohexanone) -Not regulated in quantities less than 119 gallons
<b>Transport hazard class(es)</b>	
<b>Class</b>	Combustible
<b>Subsidiary risk</b>	-
<b>Packing group</b>	III
<b>Special precautions for user</b>	Not available.
<b>DOT Supplemental Information</b>	DOT Classification only applies to shipments within the US and Puerto Rico.
<b>IATA</b>	
<b>UN number</b>	Not available.
<b>UN proper shipping name</b>	Not Regulated
<b>Transport hazard class(es)</b>	
<b>Class</b>	Not available.
<b>Subsidiary risk</b>	-
<b>Packing group</b>	Not available.
<b>Environmental hazards</b>	No
<b>Special precautions for user</b>	Not available.
<b>IMDG</b>	
<b>UN number</b>	Not available.
<b>UN proper shipping name</b>	Not Regulated
<b>Transport hazard class(es)</b>	
<b>Class</b>	Not available.
<b>Subsidiary risk</b>	-
<b>Packing group</b>	Not available.
<b>Transport hazard class(es)</b>	
<b>Marine pollutant</b>	No
<b>EmS</b>	Not available.
<b>Special precautions for user</b>	Not available.
<b>ADR</b>	
<b>UN number</b>	Not available.

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

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

## 15. Regulatory information

### Applicable regulations

#### Methods and Facilities Standards for the Storage, Clearance and Disposal of Industrial Waste

Not listed.

#### Priority Management Chemical List (Regulations on Handling Priority Managed Chemicals), as amended

Not listed.

#### Toxic Chemical Substances (TCS) List (EPA Toxic Substances Notice No. 0960095331E, Tables 1-3, Dec. 17, 2007, as amended)

Not listed.

#### Standards on Workplace Atmosphere of Dangerous and Hazardous Materials

Cyclohexanone (CAS 108-94-1) Listed.

#### Regulations for Governing Prevention of Organic Solvent Poisoning

Cyclohexanone (CAS 108-94-1) Type 2 Organic Solvent

#### GHS Classification List: GHS implementation phase 1, 2 and 3 (CLA No. 0980145063, 0990146707, and 1020146801)

2-methoxy-1-methylethylacetate (CAS Proprietary)

Cyclohexanone (CAS 108-94-1)

### 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.

#### Montreal Protocol

Not applicable.

#### Kyoto protocol

Not applicable.

#### Basel Convention

Not applicable.

## 16. Other information

**References** Not available.

**Issued by** HP Inc.

**Prepared by**  
HP Inc.

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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