



# MATERIAL SAFETY DATA SHEET

## 1. Product and company identification

**Product name** CN786Series  
**Synonyms** HP Scitex TJ200 Light Cyan Ink  
**Recommended use** Inkjet printing  
**Limitations on use** Not available.  
**Issue date** 15-Jul-2016  
**Version #** 01  
**Company identification** ZAO Hewlett-Packard A.O.  
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## 2. Hazards identification

**Hazard classification**

<b>Physical hazards</b>	Flammable liquids	Category 4
<b>Health hazards</b>	Acute toxicity (Oral)	Category 4
	Toxic to reproduction	Category 2
<b>Environmental hazards</b>	Chronic aquatic toxicity	Category 3

### Label elements



**Signal word** Danger

**Hazard statement** Combustible liquid. Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. May damage fertility. May damage the unborn child. May cause respiratory irritation. May cause damage to organs (liver, nose) through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects.

### 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.  
Do not breathe fume/gas/mist/vapors/spray.  
P271 - Use only outdoors or in a well-ventilated area.  
P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P264 - Wash hands thoroughly after handling.  
P273 - Avoid release to the environment.

**Response**

P370 + P380 - In case of fire: Evacuate area.  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 - If eye irritation persists: Get medical advice/attention.  
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.  
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P308 + P313 - IF exposed or concerned: Get medical attention/advice.  
P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P312 - Call a POISON CENTER/doctor/physician if you feel unwell.  
P362 - Take off contaminated clothing and wash before reuse.

<b>Storage</b>	P405 - Store locked up. P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.
<b>Disposal</b>	P403 + P235 - Store in a well-ventilated place. Keep cool. Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Other hazards</b>	Diphenyl (2,4,6-trimethylbenzoyl) phosphineoxide - In animal testing, risk of impaired fertility was shown only after repeated ingestion of very high doses of this substance.  Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.

### 3. Composition/information on ingredients

<b>Substance or mixture</b>	Mixture		
<b>Chemical property</b>		<b>CAS Number</b>	<b>Concentration (%)</b>
Neopentylglycol propoxylate diacrylate		84170-74-1	<30
Acrylate ester		Proprietary	<25
Acrylate Ester		Proprietary	<20
1-vinylhexahydro-2H-azepin-2-one		2235-00-9	<20
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one		71868-10-5	<5
Acrylated Oligoamine Resin		Proprietary	<2.5
Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide		75980-60-8	<2.5
Photo Initiator		Proprietary	<2.5
Blue Pigment		Proprietary	<1
Fragrance		Proprietary	<1

### 4. First aid measures

#### First aid measures for different exposure routes

<b>Inhalation</b>	Move to fresh air. If symptoms persist, get medical attention.
<b>Ingestion</b>	If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting. Never give anything by mouth to an unconscious person.
<b>Skin contact</b>	Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.
<b>Eye contact</b>	Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or until particles are removed. If irritation persists get medical attention.

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

**Notes to physician** Not available.

### 5. Fire-fighting measures

<b>Flash point</b>	> 149.0 °F (> 65.0 °C) Closed Cup
<b>General fire hazards</b>	Not available.
<b>Suitable extinguishing media</b>	Dry powder. Carbon dioxide (CO2). Water may be ineffective.
<b>Unsuitable extinguishing media</b>	Water.
<b>Specific hazards during fire fighting</b>	Not available.
<b>Special fire fighting procedures</b>	None.
<b>Personal protective equipment for fire-fighting</b>	Avoid runoff into storm sewers and ditches which lead to waterways.

### 6. Accidental release measures

<b>Personal precautions</b>	Wear appropriate personal protective equipment. Do not touch or walk through spilled material.
<b>Environmental precautions</b>	Do not let product enter drains. Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations.

Clean-up methods and materials and containment measures Not available.

## 7. Handling and storage

### Handling

**Safe handling advice** Avoid contact with skin, eyes and clothing.

### Storage

**Technical measures** Do not handle or store near an open flame, heat or other sources of ignition. Keep away from excessive heat or cold. Do not store in direct sunlight.

**Incompatible materials** Not available.

## 8. Exposure controls/personal protection

### Occupational exposure limits

**Russian Federation. Hygiene Norm GN 2.2.5.1313-03. Executive No. 76 of 30 April 2003. Maximum allowable concentration (MAC) of harmful substances in the air of working zones, as amended.**

Components	Type	Value	Form
Blue Pigment (CAS Proprietary)	TWA	5 mg/m <sup>3</sup>	Aerosol.

**Engineering measures** Not available.

### Personal protective equipment

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

**Hand protection** Wear appropriate chemical resistant gloves.

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

**Skin and body protection** Wear appropriate chemical resistant clothing.

## 9. Physical and chemical properties

### Appearance

**Physical state** Liquid.

**Color** Light Cyan

**Odor** Characteristic.

**Odor threshold** Not available.

**pH** Not available.

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

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

**Flash point** > 149.0 °F (> 65.0 °C) Closed Cup

**Heat of combustion** Not available.

**Auto-ignition temperature** Not available.

**Decomposition temperature** Not available.

### Upper/lower flammability or explosive limits

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

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

**Vapor pressure** Not available.

**Viscosity** Not available.

**Solubility** Not available.

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

### Other data

**VOC (Weight %)** < 95 g/L

## 10. Stability and reactivity

**Stability** Stable under normal storage conditions.

**Possibility of hazardous reactions** Hazardous polymerization can occur with decreased inhibitor content.

<b>Conditions to avoid</b>	Exposure to sunlight.
<b>Incompatible materials</b>	Incompatible with strong bases and oxidizing agents. alkaline metals
<b>Hazardous decomposition products</b>	Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

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## 11. Toxicological information

**Acute toxicity** Not available.

### Carcinogenicity

**Russian Federation. Sanitary-Epidemiological Rules, 1.2.2353-08, Chemical substances, mixtures and products which are carcinogenic factors, 21 April 2008**

Not listed.

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

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## 12. Ecological information

**Aquatic toxicity** Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Persistence and degradability** Not available.

**Bioaccumulation** Not available.

**Mobility in soil** Not available.

**Other hazardous effects** Not available.

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## 13. Disposal considerations

**Local disposal regulations** 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

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

### ADR

Not regulated as dangerous goods.

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## 15. Regulatory information

**Applicable regulations** Notified according to EU Regulations.

**Russian Federation. Sanitary-Epidemiological Rules, 1.2.2353-08, Chemical substances, mixtures and products which are carcinogenic factors, 21 April 2008**

Not listed.

**Ministry of Health and Social Development of Russian Federation. Order № 83 of 16.08.2004. List of hazardous and/or dangerous production factors and work under which preliminary and periodic medical examinations are conducted, methods of the examinations.**

Not listed.

**Hygiene Norm GN 2.2.5.1313-03. Executive No. 76 of 30 April 2003. Maximum allowable concentration (MAC) of harmful substances in the air of working zones, as amended.**

Blue Pigment (CAS Proprietary)

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.

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**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