



# MATERIAL SAFETY DATA SHEET

## 1. Chemical product and company identification

**A. Product name** CN784 Series  
**Synonym(s)** HP Scitex TJ200 Yellow Ink

**B. Recommended use and Limitations on use**  
**Recommended use** Inkjet printing

**Company identification** HP Korea House  
 23-6 Yoido-dong  
 Youngdeungpo-gu  
 Seoul 150-742, Korea  
 Telephone (02) 2199-0114

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

**Issue date** 03-Jun-2013  
**Revision date** 12-Aug-2016  
**Version #** 04

## 2. Hazards identification

### A. Hazard category/Classification

**Physical hazards** Not classified.

**Health hazards**

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Skin sensitizer	Category 1
Toxic to reproduction (fertility, the unborn child)	Category 1B
Specific target organ toxicity - single exposure	Category 3 respiratory tract irritation
Specific target organ toxicity - repeated exposure	Category 2 (liver, nose)

**Environmental hazards** Hazardous to the aquatic environment Category Chronic 3

### B. Warning label items including precautionary statement

• Pictogram



• Signal word

Danger

• Hazard statement

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H360	May damage fertility.
H360	May damage the unborn child.
H335	May cause respiratory irritation.
H373	May cause damage to organs (liver, nose) through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

## • Precautionary statement

### Prevention

Do not breathe fume/gas/mist/vapors/spray.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
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

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.

### Storage

P405 - Store locked up.  
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.

### Disposal

P501

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

### C. Other hazards not included in the hazard category criteria (e.g. dust explosion hazard)

Not available.

### Other hazards

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.

Contains Nickel. May cause cancer.

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

## 3. Composition/information on ingredients

Chemical identity	Common and alternative names	CAS number	ID number	Content in percent (%)
Difunctional acrylic monomer		Proprietary	Proprietary	<30
Acrylate ester		Proprietary	Proprietary	<25
Acrylate Ester		Proprietary	Proprietary	<20
Vinylcaprolactam		Proprietary	Proprietary	<20
Propiophenone derivative		Proprietary	Proprietary	<5
Acrylated Oligoamine Resin		Proprietary		<2.5
Diphenyl (2,4,6-trimethylbenzoyl) phosphine		Proprietary	Proprietary	<2.5
Nickel Yellow Pigment		Proprietary	Proprietary	<2.5
Photo Initiator		Proprietary	Proprietary	<2.5
Fragrance		Proprietary	Proprietary	<1

## 4. First aid measures

### A. In case of eye contact

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.

### B. In case of skin contact

Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.

### C. In case of inhalation

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

### D. In case of swallowing

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

### E. Note to physician

Not available.

---

## 5. Fire-fighting measures

### A. Suitable (and unsuitable) extinguishing media

<b>Suitable extinguishing media</b>	Dry powder. Carbon dioxide (CO <sub>2</sub> ). Water may be ineffective.
<b>Unsuitable extinguishing media</b>	Water.

**B. Specific hazards arising from the chemical (example: hazardous combustion products)** Not available.

### C. Specific methods of fire-fighting

<b>Special protective equipment for firefighters</b>	Avoid runoff into storm sewers and ditches which lead to waterways.
--	---

**C. Specific methods of fire-fighting** Avoid runoff into storm sewers and ditches which lead to waterways.

---

## 6. Accidental release measures

**A. Personal precautions, protective equipment and emergency measures** Wear appropriate personal protective equipment. Do not touch or walk through spilled material.

**B. Environmental precautions** Do not let product enter drains. Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations.

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

---

## 7. Handling and storage

**A. Precautions for safe handling** Avoid contact with skin, eyes and clothing.

**B. Conditions for safe storage (including any incompatibilities)** Keep away from excessive heat or cold. Do not store in direct sunlight. Do not handle or store near an open flame, heat or other sources of ignition.

---

## 8. Exposure controls/personal protection

### A. Exposure limit values, biological limit values, etc

No exposure limits noted for ingredient(s).

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

**Exposure guidelines** Exposure limits have not been established for this product.

**B. Appropriate engineering controls** Not available.

### C. Personal protective equipment

- **Respiratory protection** Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.
- **Eye protection** Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended.
- **Hand protection** Wear appropriate chemical resistant gloves.
- **Body protection** Wear appropriate chemical resistant clothing.

**Hygiene measures** Handle in accordance with good industrial hygiene and safety practice. Do not get this material in your eyes, on your skin, or on your clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Launder contaminated clothing before reuse. Keep away from food and drink.

### Recommended monitoring procedures

**Additional exposure data** Exposure limits have not been established for this product.

---

## 9. Physical and chemical properties

### A. Appearance

<b>Physical state</b>	Liquid.
<b>Color</b>	Yellow

**B. Odor** Characteristic.

**C. Odor threshold** Not available.

**D. pH** Not available.

---

<b>E. Melting point/freezing point</b>	Not available.
<b>F. Boiling point, initial boiling point, and boiling range</b>	Not available.
<b>G. Flash point</b>	> 149.0 °F (> 65.0 °C) Closed Cup
<b>H. Evaporation rate</b>	Not available.
<b>I. Flammability (solid, gas)</b>	Not available.
<b>J. Upper/lower limit on flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>K. Vapor pressure</b>	Not available.
<b>L. Solubility</b>	
<b>Solubility (water)</b>	Not available.
<b>M. Vapor density</b>	Not available.
<b>N. Specific gravity</b>	Not available.
<b>O. n-octanol/water partition coefficient</b>	Not available.
<b>P. Auto-ignition temperature</b>	Not available.
<b>Q. Decomposition temperature</b>	Not available.
<b>R. Viscosity</b>	Not available.
<b>S. Molecular weight</b>	Not available.
<b>Other data</b>	
<b>VOC (Weight %)</b>	< 95 g/L

---

## 10. Stability and reactivity

### A. Stability and hazardous reaction potential

<b>Stability</b>	Stable under normal storage conditions.
<b>Hazardous reaction potential</b>	Hazardous polymerization can occur with decreased inhibitor content.

**B. Conditions to avoid (e.g. static discharge, shock or vibration, etc)** Exposure to sunlight.

**C. Incompatible materials** Incompatible with strong bases and oxidizing agents. alkaline metals

**D. Hazardous decomposition products** Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

---

## 11. Toxicological information

### A. Information on likely routes of exposure

- **Respiratory organs** Not available.
- **Mouth** Not available.
- **Eyes** Not available.
- **Skin** Not available.

### B. Information on health hazards

- **Acute toxicity (list all possible routes of exposure)** No data available.
- **Corrosivity or irritation to the skin** Not available.
- **Serious eye damage/eye irritation** Not available.

- **Respiratory sensitization** Not available.
- **Skin sensitization** Not available.
- **Carcinogenic properties /Carcinogenicity** Not available.
- **Mutagenic properties /Mutagenicity** Not available.
- **Reproductive toxicity** Not available.
- **Specific target organ toxicity - single exposure** Not available.
- **Specific target organ toxicity - repeated exposure** Not available.
- **Aspiration hazard** Not available.

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

## 12. Ecological information

### A. Ecotoxicity

No data available.

**Hazardous to the aquatic environment, acute hazard** Not available.

**Hazardous to the aquatic environment, long-term hazard** Not available.

**B. Persistence/degradability** Not available.

**C. Bioaccumulative potential** Not available.

**D. Mobility in soil** Not available.

**E. Other adverse effects** Not available.

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

## 13. Disposal considerations

**A. Method of disposal** 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. Disposal considerations (including disposal of contaminated containers or packaging)** Not available.

## 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.

## 15. Regulatory information

### A. Restrictions under the Industrial Safety and Health Law

#### Harmful Substances Prohibited from Manufacturing

Not regulated.

#### Harmful Substances Requiring Permission for Manufacture or Use

Not regulated.

#### Controlled Hazardous Substances

Not regulated.

**Harmful Substances Requiring Special Medical Examination**

Not regulated.

**Workplace Environmental Monitoring Harmful Materials**

Not regulated.

**Occupational Exposure Limit**

Not regulated.

**B. Restrictions under the Toxic Chemicals Control Law****Accidental Release Prevention Substances**

Not regulated.

**Banned Toxic Chemicals**

Not regulated.

**Observational Chemicals**

Not regulated.

**Restricted Chemical Substances**

Not regulated.

**Toxic Chemicals**

Not regulated.

**C. Restrictions under the Dangerous Substance Safety Management Act****D. Restrictions under the Wastes Control Act****Halogenated Materials in Waste Organic Solvents**

Not regulated.

**Hazardous Substances**

Not regulated.

**E. Restrictions under other foreign or domestic laws****Clean Air Conservation Act****Air Pollutants**

Not regulated.

**Specific Air Pollutants**

Not regulated.

---

**16. Other information**

<b>A. Source of information</b>	Not available.
<b>B. Issue date</b>	03-Jun-2013
<b>Revision date</b>	12-Aug-2016
<b>C. Number of revisions and date of most recent revision</b>	12-Aug-2016 (04 revision)

**D. Other** 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.

**This data sheet contains changes from the previous version in section(s):** Composition/Information on Ingredients

**Manufacturer information** HP Inc.  
1501 Page Mill Road  
Palo Alto, CA 94304-1112 US  
(Direct) +972 (9) 892-4628

## 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