



# 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** CN784 Series  
**Use of the substance/preparation** Inkjet printing  
**Issue date** 03-Sep-2013  
**Revision date** 13-Aug-2016  
**Version #** 03  
**Synonym(s)** HP Scitex TJ200 Yellow Ink  
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## 2. Dangers of the dangerous substance/preparation

**Classification** Xi;R36/37/38, R52/53  
**Physical hazards** Not classified as a physical hazard.  
**Health hazards** Irritating to eyes, respiratory system and skin.  
**Environmental hazards** Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### GHS 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.  
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.

<b>Response</b>	<p>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.</p>
<b>Storage</b>	<p>P405 - Store locked up.  P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.  P403 + P235 - Store in a well-ventilated place. Keep cool.</p>
<b>Disposal</b>	<p>Dispose of contents/container in accordance with local/regional/national/international regulations.</p>
<b>Other hazards</b>	<p>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.</p> <p>Contains Nickel. May cause cancer.</p> <p>Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.</p>

### 3. Identification of the components of the substance/preparation

Components	CAS #	Percent
Difunctional acrylic monomer	Proprietary	<30
Acrylate ester	Proprietary	<25
Acrylate Ester	Proprietary	<20
Vinylcaprolactam	Proprietary	<20
Propiophenone derivative	Proprietary	<5
Acrylated Oligoamine Resin	Proprietary	<2.5
Diphenyl (2,4,6-trimethylbenzoyl) phosphine	Proprietary	<2.5
Nickel Yellow Pigment	Proprietary	<2.5
Photo Initiator	Proprietary	<2.5
Fragrance	Proprietary	<1

**Substance or Preparation**      Preparation

### 4. First aid instructions

#### First aid measures for different exposure routes

<b>Inhalation</b>	Move to fresh air. If symptoms persist, get medical attention.
<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.
<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.

**Notes to physician**      Not available.

**Special first aid equipment**      Not available.

### 5. Firefighting procedure

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

#### Extinguishing media

**Suitable extinguishing media**      Dry powder. Carbon dioxide (CO2). Water may be ineffective.

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<b>Extinguishing media which must not be used for safety reasons</b>	Water.
<b>Unusual fire &amp; explosion hazards</b>	None known.
<b>Specific hazards during fire fighting</b>	Not available.
<b>Special fire fighting procedures</b>	Not available.
<b>Protection of fire-fighters</b>	Avoid runoff into storm sewers and ditches which lead to waterways.

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## 6. Safety precautions

<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.
<b>Methods for cleaning up</b>	Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.
<b>Other information</b>	Soak up with inert absorbent material. Dispose of in compliance with federal, state, and local regulations.

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## 7. Handling and storage

<b>Handling</b>	Avoid contact with skin, eyes and clothing.
<b>Storage</b>	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.
<b>Storage</b>	
<b>Special recommendations</b>	Not available.
<b>Safe packaging materials</b>	Not available.

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## 8. Means of reducing exposure and personal protection

<b>Engineering measures to reduce exposure</b>	Not available.
<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Exposure guidelines</b>	Exposure limits have not been established for this product.
<b>Personal protective equipment</b>	
<b>Respiratory protection</b>	Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.
<b>Hand protection</b>	Wear appropriate chemical resistant gloves.
<b>Eye protection</b>	Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended.
<b>Skin and body protection</b>	Wear appropriate chemical resistant clothing.
<b>Hygiene measures</b>	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.

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## 9. Physical and chemical properties

<b>Appearance</b>	
<b>Physical state</b>	Liquid.
<b>Color</b>	Yellow
<b>Odor</b>	Characteristic.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Flash point</b>	> 149.0 °F (> 65.0 °C) Closed Cup
<b>Flammability</b>	Not available.

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<b>Auto-ignition temperature</b>	Not available.
<b>Upper/lower 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>Oxidizing properties</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Other information</b>	
<b>VOC (Weight %)</b>	< 95 g/L

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## 10. Stability and reactivity

<b>Conditions to avoid</b>	Exposure to sunlight.
<b>Hazardous decomposition products</b>	Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
<b>Reactivity</b>	Not available.
<b>Chemical stability</b>	Stable under normal storage conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization can occur with decreased inhibitor content.
<b>Incompatibility</b>	Incompatible with strong bases and oxidizing agents. alkaline metals
<b>Materials to avoid</b>	Not available.

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## 11. Toxicological information

<b>Acute toxicity</b>	Not available.
<b>Skin corrosion/irritation</b>	Not available.
<b>Serious eye damage/eye irritation</b>	Not available.
<b>Respiratory or skin sensitization</b>	
<b>Respiratory sensitization</b>	Not available.
<b>Skin sensitization</b>	Not available.
<b>Carcinogenicity</b>	Not available.
<b>Germ cell mutagenicity</b>	Not available.
<b>Reproductive toxicity</b>	Not available.
<b>Specific target organ toxicity - single exposure</b>	Not available.
<b>Specific target organ toxicity - repeated exposure</b>	Not available.
<b>Aspiration hazard</b>	Not available.
<b>Further information</b>	Complete toxicity data are not available for this specific formulation

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## 12. Environmental information

<b>Environmental effects</b>	Not available.
<b>Persistence and degradability</b>	
<b>Aquatic toxicity</b>	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>Mobility in soil</b>	Not available.

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### 13. Dangerous substance disposal methods

<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. Dispose of in compliance with Israeli Ministry of the Environment and local regulations.
<b>Waste from residues / unused products</b>	Not available.
<b>Contaminated packaging</b>	Not available.
<b>Special precautions</b>	Not available.

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### 14. Transport information

<b>DOT</b>	Not regulated as dangerous goods.
<b>IATA</b>	Not regulated as dangerous goods.
<b>IMDG</b>	Not regulated as dangerous goods.
<b>ADR</b>	Not regulated as dangerous goods.

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### 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.

**Regulatory information** Notified according to EU Regulations.

#### Labeling

**Contains** Acrylate ester, Acrylate Ester, Acrylated Oligoamine Resin, Difunctional acrylic monomer, Diphenyl (2,4,6-trimethylbenzoyl) phosphine, Fragrance, Nickel Yellow Pigment, Photo Initiator, Propiophenone derivative, Vinylcaprolactam

#### Symbol(s)



Irritant

**R-phrases(s)** R36/37/38 Irritating to eyes, respiratory system and skin.  
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**S-phrases(s)** S24/25 Avoid contact with skin and eyes.  
S51 Use only in well-ventilated areas.  
S61 Avoid release to the environment. Refer to special instructions/ Safety data sheets.

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### 16. Other information

<b>Recommended use</b>	Not available.
<b>Recommended restrictions</b>	Not available.
<b>Further information</b>	Not available.
<b>Bibliography</b>	Not available.
<b>Disclaimer</b>	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**

R21/22 Harmful in contact with skin and if swallowed.  
R22 Harmful if swallowed.  
R36 Irritating to eyes.  
R36/37/38 Irritating to eyes, respiratory system and skin.  
R36/38 Irritating to eyes and skin.  
R43 May cause sensitization by skin contact.  
R48/23 Toxic: danger of serious damage to health by prolonged exposure through inhalation.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R60 May impair fertility.  
R61 May cause harm to the unborn child.  
R62 Possible risk of impaired fertility.

**Prepared by**

**This data sheet contains changes from the previous version in section(s):**

HP Chemical Compliance & Toxicology Department  
Composition/Information on Ingredients  
Other information: Disclaimer

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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