



# MATERIAL SAFETY DATA SHEET

## 1. Chemical product and company identification

**A. Product name** 40-6204  
**Synonym(s)** HP XP220 Light Magenta Scitex Ink

### B. Recommended use and Limitations on use

**Recommended use** Inkjet printing

### C. Supplier information

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

## 2. Hazards identification

### A. Hazard category/Classification

<b>Physical hazards</b>	Not classified.	
<b>Health hazards</b>	Skin corrosion/irritation	Category 1
	Serious eye damage/eye irritation	Category 1
	Sensitization, skin	Category 1
	Reproductive toxicity	Category 1B
	Specific target organ toxicity, single exposure	Category 3 respiratory tract irritation
	Specific target organ toxicity, repeated exposure	Category 1
<b>Environmental hazards</b>	Hazardous to the aquatic environment, long-term hazard	Category 2

### B. Warning label items including precautionary statement

#### • Pictogram



#### • Signal word

Danger

#### • Hazard statement

H315	Causes skin irritation.
H318	Causes serious eye damage.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.
H411	Toxic to aquatic life with long lasting effects.

#### • Precautionary statement

##### Prevention

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P260	Do not breathe fume/gas/mist/vapors/spray.
P271	Use only outdoors or in a well-ventilated area.
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.
P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P310	Immediately call a POISON CENTER or doctor/physician.
P308 + P313	IF exposed or concerned: Get medical attention/advice.
P362	Take off contaminated clothing and wash before reuse.
P391	Collect spillage.

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

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

#### Supplemental information

None.

### 3. Composition/information on ingredients

Chemical identity	Common and alternative names	CAS number	ID number	Content in percent (%)
Acrylate ester 6		Proprietary	Proprietary	<40
Acrylic acid, Monoalkyl Ester		Proprietary	Proprietary	<15
Acrylate ester 2		Proprietary	Proprietary	<10
Vinylcaprolactam		2235-00-9	Proprietary	<5
Acrylate mixture		Proprietary	Proprietary	<2.5
Substituted Phosphine Oxide		Proprietary	Proprietary	<2.5
Dipropylene Glycol Diacrylate		Proprietary	Proprietary	<1
Propiophenone derivative		Proprietary	Proprietary	<1

### 4. First aid measures

<b>A. In case of 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>B. In case of skin contact</b>	Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.
<b>C. In case of inhalation</b>	Move to fresh air. If symptoms persist, get medical attention.
<b>D. In case of swallowing</b>	If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.
<b>E. Note to physician</b>	Not available.

### 5. Fire-fighting measures

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

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

**Unsuitable extinguishing media** Water.

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

#### C. Specific methods of fire-fighting

**Special protective equipment for firefighters** 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.

**B. Environmental precautions** Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

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

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## 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. Opaque, high density polyethylene (HDPE) containers are recommended for shipping and storage.

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## 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** Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended exposure limits.

### C. Personal protective equipment

• **Respiratory protection** Not available.

• **Eye protection** Not available.

• **Hand protection** Wear appropriate chemical resistant gloves. Recommended gloves: Nitrile 6 mil minimum thickness.

• **Body protection** Not available.

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## 9. Physical and chemical properties

### A. Appearance

**Physical state** Not available.

**Form** Liquid.

**Color** Light Magenta

**B. Odor** Characteristic.

**C. Odor threshold** Not available.

**D. pH** Not available.

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

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

**G. Flash point** > 212.0 °F (> 100.0 °C) Closed Cup EPA Method 1020

**H. Evaporation rate** Not available.

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

### J. Upper/lower limit on flammability or explosive limits

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

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

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

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

**K. Vapor pressure** Not available.

### L. Solubility

**Solubility (water)** Not available.

**M. Vapor density** Not available.

**N. Specific gravity** Not available.

**O. n-octanol/water partition coefficient** Not available.

**P. Auto-ignition temperature** Not available.

**Q. Decomposition temperature** Not available.

**R. Viscosity** Not available.

**S. Molecular weight** Not available.

### Other data

**VOC** < 95 g/L Method 24/ASTM D5409-93

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## 10. Stability and reactivity

### A. Stability and hazardous reaction potential

Stability	Stable under normal storage conditions.
Hazardous reaction potential	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.

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## 11. Toxicological information

### A. Information on likely routes of exposure

- **Respiratory organs** May cause irritation to the respiratory system.
- **Skin** Causes skin irritation. May cause sensitization by skin contact.
- **Eyes** Causes serious eye damage.
- **Mouth** Ingestion is not a likely route of exposure.

### B. Information on health hazards

- **Acute toxicity (list all possible routes of exposure)** Based on available data, the classification criteria are not met.
  - **Corrosivity or irritation to the skin** Causes skin irritation.
  - **Serious eye damage/eye irritation** Causes serious eye damage.
  - **Respiratory sensitization** Based on available data, the classification criteria are not met.
  - **Skin sensitization** May cause sensitization by skin contact.
  - **Carcinogenic properties /Carcinogenicity** Based on available data, the classification criteria are not met.
  - **Mutagenic properties /Mutagenicity** Based on available data, the classification criteria are not met.
  - **Reproductive toxicity** Not available.
  - **Specific target organ toxicity - single exposure** May cause irritation to the respiratory system.
  - **Specific target organ toxicity - repeated exposure** Not available.
  - **Aspiration hazard** Based on available data, the classification criteria are not met.
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## 12. Ecological information

- A. Ecotoxicity** No data available.
- Aquatic toxicity** Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
- B. Persistence/degradability** Not available.
- C. Bioaccumulative potential** Not available.
- D. Mobility in soil** Not available.
- E. Other adverse effects** Not available.
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## 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.

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## 14. Transport information

### DOT

Not regulated as dangerous goods.

### IATA

**UN number** UN3082  
**UN proper shipping name** Environmentally Hazardous Substance, Liquid, N.O.S. (Isobornyl acrylate, Lauryl acrylate)  
**Transport hazard class(es)**  
**Class** 9  
**Subsidiary risk** -  
**Packing group** III  
**Environmental hazards** No.  
**Special precautions for user** Not available.

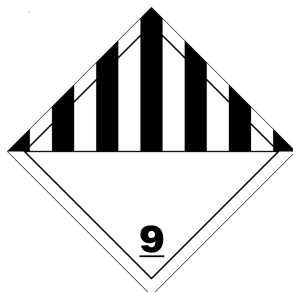
### IMDG

**UN number** UN3082  
**UN proper shipping name** Environmentally Hazardous Substance, Liquid, N.O.S. (Isobornyl acrylate, Lauryl acrylate)  
**Transport hazard class(es)**  
**Class** 9  
**Subsidiary risk** -  
**Packing group** III  
**Transport hazard class(es)**  
**Marine pollutant** No.  
**EmS** Not available.  
**Special precautions for user** Not available.

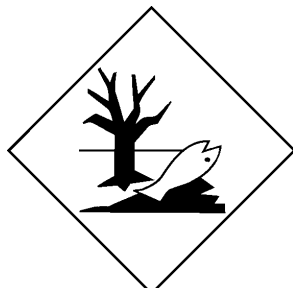
### ADR

**UN number** UN3082  
**UN proper shipping name** Environmentally Hazardous Substance, Liquid, N.O.S. (Isobornyl acrylate, Lauryl acrylate)  
**Transport hazard class(es)**  
**Class** 9  
**Subsidiary risk** -  
**Hazard No. (ADR)** Not available.  
**Tunnel restriction code** Not available.  
**Packing group** III  
**Environmental hazards** Yes  
**Special precautions for user** Not available.

### ADR; IATA; IMDG



### Marine pollutant



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## 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 Chemicals Control Law (Previously Toxic Chemicals Control Law)****Accidental Release Prevention Substances**

Not regulated.

**Observational 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.

**Act on the Registration and Evaluation of Chemicals****Banned Toxic Chemicals**

Not regulated.

**Designated Existing Chemicals Subject to Registration (PEC) (MoE No. 2015-92)**

Not listed.

**Restricted Chemical Substances**

Not regulated.

**Toxic Chemicals**

Not regulated.

**16. Other information****A. Source of information** Not available.**B. Issue date** 04-Feb-2019**C. Number of revisions and date of most recent revision** Not applicable.**D. Other** Not available.

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**Revision information**

1. Product and Company Identification: Alternate Trade Names
3. Composition / Information on Ingredients: Ingredients
9. Physical & Chemical Properties: Multiple Properties

Toxicological information: • Mouth  
 Other information: Disclaimer  
 GHS: Classification

## 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