



SAFETY DATA SHEET

1. Identification of the dangerous substance/preparation and the identity of the manufacturer, importer, agent or marketer

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Product name CP757Series

Other means of identification
Synonym(s) HP FB225 MAGENTA SCITEX INK

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2. Identification of the components of the substance/preparation

| Substance or Preparation | Preparation | | |
|---|-------------|-------------|---------|
| Chemical name | Synonyms | CAS number | Percent |
| Acrylate ester 1 | | Proprietary | <30 |
| Acrylate ester 2 | | Proprietary | <20 |
| Acrylate ester 3 | | Proprietary | <15 |
| Difunctional acrylic monomer | | Proprietary | <15 |
| Acrylate ester 4 | | Proprietary | <10 |
| Vinylcaprolactam | | Proprietary | <10 |
| Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide | | Proprietary | <5 |
| Pigment red | | Proprietary | <5 |
| Acrylated oligoamine resin | | Proprietary | <2.5 |
| Propiophenone derivative | | Proprietary | <2.5 |
| Thioxanthone derivative | | Proprietary | <2.5 |
| Propoxylated glycerol triacrylate | | Proprietary | <5 |

3. Dangers of the dangerous substance/preparation

Classification C;R34, Xn;R48/20, Xi;R36/38-37, R43, N;R51, R52/53

Physical hazards Not classified as a physical hazard.

Health hazards May impair fertility. May cause harm to the unborn child. Causes burns. Irritating to eyes and skin. Irritating to respiratory system. May cause sensitization by skin contact. Also harmful: danger of serious damage to health by prolonged exposure through inhalation.

Environmental hazards Toxic to aquatic organisms. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

GHS classification

| | | |
|------------------------------|--|-------------|
| Physical hazards | Not classified. | |
| Health hazards | Skin corrosion/irritation | Category 2 |
| | Sensitization, skin | Category 1 |
| | Reproductive toxicity | Category 1B |
| | Specific target organ toxicity, repeated exposure | Category 1 |
| Environmental hazards | Hazardous to the aquatic environment, acute hazard | Category 1 |
| | Hazardous to the aquatic environment, long-term hazard | Category 1 |

GHS label elements

Symbols



Signal word

Danger

Hazard statement

Causes skin irritation. May cause an allergic skin reaction. May damage fertility. May damage the unborn child. Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects.

Precautionary statement

Prevention

Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Avoid release to the environment.

Response

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. IF exposed or concerned: Get medical attention/advice. Get medical attention/advice if you feel unwell. Collect spillage. Take off contaminated clothing and wash before reuse.

Storage

Store locked up.

Disposal

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.

4. First aid instructions

First aid measures for different exposure routes

Inhalation

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

Skin contact

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

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.

Ingestion

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

Main symptoms

Not available.

Personal protection for first-aid responders

Not available.

Notes to physician

Not available.

Special first aid equipment

Not available.

5. Firefighting procedure

Extinguishing media

Suitable extinguishing media

Dry powder. Carbon dioxide (CO₂). Water may be ineffective.

Extinguishing media which must not be used for safety reasons

Water may be ineffective. Do not use a solid water stream as it may scatter and spread fire.

| | |
|--|---|
| Specific hazards during fire fighting | Not available. |
| Special fire fighting procedures | Avoid runoff into storm sewers and ditches which lead to waterways. |
| Protection of fire-fighters | Not available. |

6. Safety precautions

| | |
|----------------------------------|---|
| Environmental precautions | Do not let product enter drains. Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations. |
| Methods for cleaning up | Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. |
| Other information | Soak up with inert absorbent material. Dispose of in compliance with federal, state, and local regulations. |
| Personal precautions | Wear appropriate personal protective equipment. Do not touch or walk through spilled material. |

7. Handling and storage

| | |
|---|---|
| Precautions for safe handling | Avoid contact with skin, eyes and clothing. |
| 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. |

8. Means of reducing exposure and personal protection

| | |
|--|--|
| Engineering measures to reduce exposure | Not available. |
| Occupational exposure limits | 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. |
| Personal protective equipment | |
| Respiratory protection | Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment. |
| Hand protection | Wear appropriate chemical resistant gloves. Recommended gloves: Nitrile 6 mil minimum thickness. |
| 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. |
| 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. |

9. Physical and chemical properties

| | |
|---|--|
| Appearance | |
| Physical state | Liquid. |
| Form | Liquid. |
| Color | Magenta |
| Odor | Characteristic. |
| pH | 6.8 - 7.2 Metler Toledo pH Meter. Temperature 25°C |
| Melting point/freezing point | Not available. |
| Initial boiling point and boiling range | Not available. |
| Decomposition temperature | Not available. |
| Flash point | > 203.0 °F (> 95.0 °C) Closed Cup EPA Method 1020 |
| Flammability | 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. |
| Oxidizing properties | Not available. |
| Vapor pressure | Not available. |
| Density | 0.94 g/cm3 |
| Solubility(ies) | |
| Solubility (water) | Not available. |
| Partition coefficient (n-octanol/water) | Not available. |
| Other information | |
| Viscosity | 13 - 14 cP Brookfield Viscometer (± 0.5) Temperature 40°C. Spindle # 18 (S18) RPM 100. Wait approx 10 min to take the reading. |
| VOC | 6.36 g/L Method 24/ASTM D5403-93 |

10. Stability and reactivity

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

11. Toxicological information

Information on likely routes of exposure

| | |
|---------------------|---|
| Inhalation | Inhalation may result in mild irritation to the respiratory system. |
| Skin contact | Causes skin irritation. May cause sensitization by skin contact. |
| Eye contact | Contact with eyes may result in mild irritation. |
| Ingestion | Ingestion is not a likely route of exposure. |

Toxicological data Not available.

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

| Components | Species | Test Results |
|-------------------|----------------|---------------------|
|-------------------|----------------|---------------------|

Vinylcaprolactam

Acute

Dermal

| | | |
|------|--------|------------|
| LD50 | Rabbit | 1700 mg/kg |
|------|--------|------------|

Inhalation

| | | |
|------|-----|------------|
| LC50 | Rat | > 1.6 mg/l |
|------|-----|------------|

Oral

| | | |
|------|-----|------------|
| LD50 | Rat | 1114 mg/kg |
|------|-----|------------|

Skin corrosion/irritation Causes skin irritation. Non-corrosive (OECD 431).

Serious eye damage/eye irritation Based on available data, the classification criteria are not met. Not classified as an irritant according to, OECD 437.

Respiratory or skin sensitization

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

Skin sensitization May cause sensitization by skin contact.

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

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

Reproductive toxicity May damage fertility. May damage the unborn child.

Specific target organ toxicity - single exposure Based on available data, the classification criteria are not met.

| | |
|---|---|
| Specific target organ toxicity - repeated exposure | Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure. |
| Aspiration hazard | Based on available data, the classification criteria are not met. |
| Chronic effects | Not available. |
| Other information | Complete toxicity data are not available for this specific formulation |

12. Environmental information

Aquatic toxicity Very toxic to aquatic life with long lasting effects.

Ecotoxicity

Very toxic to aquatic life with long lasting effects.

| Components | Species | Test Results |
|---|---------|--|
| Difunctional acrylic monomer | | |
| <i>Acute</i> | | |
| | EC10 | Pseudokirchneriella subcapitata 2.3 mg/l, 72 h (OECD 201) |
| | EC50 | Pseudokirchneriella subcapitata 11 mg/l, 72 h (OECD 201) |
| Aquatic | | |
| <i>Acute</i> | | |
| Crustacea | EC50 | Daphnia Magna 37 mg/l, 48 h (OECD 202) |
| Fish | LC50 | Danio rerio 2.7 mg/l, 96 h (OECD 203) |
| Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide | | |
| <i>Acute</i> | | |
| | EC10 | Pseudokirchneriella subcapitata 1.56 mg/l, 72 h (OECD 201) |
| | EC50 | Pseudokirchneriella subcapitata > 2.01 mg/l, 72 h (OECD 201) |
| | LC50 | Cyprinus carpio 1.4 mg/l, 96 h (OECD 203) |
| Aquatic | | |
| <i>Acute</i> | | |
| Crustacea | EC50 | Daphnia magna 3.53 mg/l, 48 h (OECD 202) |

Environmental effects Not available.

Persistence and degradability

Mobility in soil Not available.

Other information Not available.

13. Dangerous substance disposal methods

Disposal instructions 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.

Waste from residues / unused products Not available.

Contaminated packaging Not available.

Special precautions Not available.

14. Transport information

DOT
Not regulated as dangerous goods.

DOT Supplemental Information DOT Classification only applies to shipments within the US and Puerto Rico.

IATA

| | |
|-----------------------------------|---|
| UN number | UN3082 |
| UN proper shipping name | Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates, Propiophenone derivative) |
| Transport hazard class(es) | |
| Class | 9 |
| Subsidiary risk | - |
| Packing group | III |
| Environmental hazards | Yes |

Special precautions for user Not available.

IATA Supplemental Information When shipping ≤ 5L inner packaging, Special Provision A197 may apply.

IMDG

UN number UN3082

UN proper shipping name Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates, Propiophenone derivative), MARINE POLLUTANT

Transport hazard class(es)

Class 9

Subsidiary risk -

Packing group III

Transport hazard class(es)

Marine pollutant Yes

EmS F-A, S-F

Special precautions for user Not available.

IMDG Supplemental Information When shipping ≤ 5L containers, IMDG 2.10.2.7 may apply.

ADR

UN number UN3082

UN proper shipping name Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates, Propiophenone derivative)

Transport hazard class(es)

Class 9

Subsidiary risk -

Hazard No. (ADR) Not available.

Tunnel restriction code Not available.

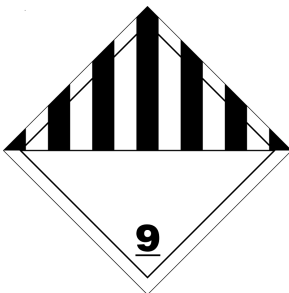
Packing group III

Environmental hazards Yes

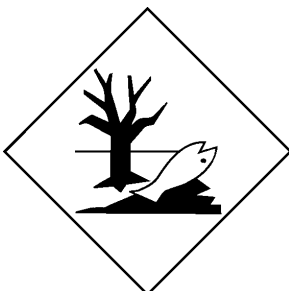
Special precautions for user Not available.

ADR Supplemental Information When shipping ≤ 5L containers, ADR 375 may apply.

ADR; IATA; IMDG



Marine pollutant



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

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.

16. Other information

| | |
|---------------------------------|---|
| Training information | Follow training instructions when handling this material. |
| Recommended use | Not available. |
| Recommended restrictions | Not available. |
| Further information | Not available. |
| Bibliography | Not available. |
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Explanation of abbreviations

| | |
|---------------|---|
| ACGIH | American Conference of Governmental Industrial Hygienists |
| CAS | Chemical Abstracts Service |
| CERCLA | Comprehensive Environmental Response Compensation and Liability Act |
| CFR | Code of Federal Regulations |
| COC | Cleveland Open Cup |
| DOT | Department of Transportation |
| EPCRA | Emergency Planning and Community Right-to-Know Act (aka SARA) |
| IARC | International Agency for Research on Cancer |
| NIOSH | National Institute for Occupational Safety and Health |
| NTP | National Toxicology Program |
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| RCRA | Resource Conservation and Recovery Act |
| REC | Recommended |
| REL | Recommended Exposure Limit |
| SARA | Superfund Amendments and Reauthorization Act of 1986 |
| STEL | Short-Term Exposure Limit |
| TCLP | Toxicity Characteristics Leaching Procedure |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substances Control Act |
| VOC | Volatile Organic Compounds |