



SAFETY DATA SHEET

1. Identification

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|--|---|--|
| Important information | *** This Safety Data Sheet is only authorised for use by HP for HP Original products. Any unauthorised use of this Safety Data Sheet is strictly prohibited and may result in legal action being taken by HP. *** | |
| Name of the substance or mixture (trade name) | G0Y96Series | |
| Synonyms | HP FB794 Black Scitex Ink Cartridge | |
| Major recommended uses for the substance or mixture | Inkjet printing | |
| Specific restrictions for use of the substance or mixture | Not available. | |
| Manufacturer/Importer/Distributor information | HP Inc. ITower , Alameda Xingu, 350 Barueri, São Paulo Brazil 06455-030 +55 11 2933-7986 | |
| Telephone | +55 11 2933-7986 | |
| HP Inc. health effects line (Direct) | +55 11 4349 1907 Access code 9519 | |
| HP Inc. Customer Care Line (Toll-free within the US) (Direct) | 1-800-474-6836 1-208-323-2551 | |
| Email: | hpcustomer.inquiries@hp.com | |

2. Hazards identification

Classification of the substance or mixture

| | | |
|------------------------------|--|---|
| Physical hazards | Not classified. | |
| Health hazards | Acute toxicity, oral | Not applicable |
| | Skin corrosion/irritation | Category 2 |
| | Serious eye damage/eye irritation | Category 2A |
| | 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 |
| Environmental hazards | Hazardous to the aquatic environment, long-term hazard | Category 2 |

GHS labeling elements, including precautionary statements

Hazard symbol(s)



Signal word

Danger

Hazard statement(s)

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

Precautionary statement(s)

Prevention Wear protective gloves/protective clothing/eye protection/face protection. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment.

Response IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. 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. Call a poison center/doctor if you feel unwell. Take off contaminated clothing and wash before reuse. Collect spillage.

Storage Store in a well-ventilated place. Keep container tightly closed. Store locked up.

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

Other hazards which do not result in classification Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.

Benzophenone is classified by the IARC as a Group 2B carcinogen (the substance is possibly carcinogenic to humans).

Supplemental information None.

3. Composition/information on ingredients

Mixture

| Common chemical name or technical name | CAS number | Concentration or concentration range |
|---|-------------|--------------------------------------|
| 2-phenoxyethyl acrylate | 48145-04-6 | <30 |
| N-vinylcaprolactam | 2235-00-9 | <25 |
| Carboxylic Acids, Esters | Proprietary | <15 |
| Difunctional acrylic monomer | Proprietary | <10 |
| Acrylate ester 5 | Proprietary | <5 |
| Alkyl Acrylate Ester | Proprietary | <5 |
| Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide | Proprietary | <5 |
| Black Pigment | Proprietary | <2.5 |
| 2,6-di-tert-butyl-.alpha.-dimethylamino-p-cresol | 88-27-7 | <1 |
| Benzophenone | 119-61-9 | <1 |
| Butylhydroxytoluene | 128-37-0 | <1 |

Composition comments Carbon black is present only in a bound form in this preparation.

4. First-aid measures

First-aid measures

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.

Most important symptoms/effects, acute and delayed Not available.

Notes to physician Not available.

5. Fire-fighting measures

Means of fire extinguishing

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

| | |
|--|--|
| Unsuitable extinguishing media | Water may be ineffective. Do not use a solid water stream as it may scatter and spread fire. |
| Specific hazards arising from the chemical | Not available. |
| Special fire fighting procedures | Avoid runoff into storm sewers and ditches which lead to waterways. |
| Protective measures taken by firefighting crews | Not available. |

6. Control measures for spills and leaks

Personal precautions, protective equipment and emergency procedures

| | |
|--|---|
| To be taken by those who are not involved in rendering emergency services | Wear appropriate personal protective equipment. Do not touch or walk through spilled material. |
| To be taken by those who are involved in rendering emergency services | Not available. |
| 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 and materials for containment and cleaning up | Not available. |
| Other issues relating to spills and releases | Soak up with inert absorbent material. Dispose of in compliance with federal, state, and local regulations. |

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. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Brazil. OELs (Ordinance No. 3214, 6/8/78, NR-15, Annex 11 (amended through ACGIH))

| Components | Type | Value | Form |
|------------------------------------|------|-----------|-------------------------------|
| Black Pigment | TWA | 3.5 mg/m3 | |
| Butylhydroxytoluene (CAS 128-37-0) | TWA | 2 mg/m3 | Inhalable fraction and vapor. |

US. ACGIH Threshold Limit Values

| Components | Type | Value | Form |
|------------------------------------|------|---------|-------------------------------|
| Black Pigment | TWA | 3 mg/m3 | Inhalable fraction. |
| Butylhydroxytoluene (CAS 128-37-0) | TWA | 2 mg/m3 | Inhalable fraction and vapor. |

| | |
|---|--|
| Biological limit values | No biological exposure limits noted for the ingredient(s). |
| Exposure guidelines | Exposure limits have not been established for this product. |
| Appropriate engineering controls | Not available. |
| Personal protective measures | |
| Eyes and face protection | Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended. |
| Skin protection | |
| Hand protection | Wear appropriate chemical resistant gloves. Recommended gloves: Nitrile 6 mil minimum thickness. |
| Other | Wear appropriate chemical resistant clothing. |
| Respiratory protection | Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment. |
| Thermal hazards | Not available. |

| | |
|-------------------------|--|
| 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 | Black. |

Odor Characteristic.

Odor threshold Not available.

pH 7.4 - 7.8 Metler Toledo pH Meter. Temperature 25°C

Melting point/freezing point Not available.

Initial boiling point and boiling temperature range Not available.

Flash point > 199.9 °F (> 93.3 °C) Calculated

Evaporation rate Not available.

Flammability (solid, gas) 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.

Vapor pressure Not available.

Vapor density Not available.

Solubility(ies)

Solubility (water) Not available.

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

Auto-ignition temperature Not available.

Decomposition temperature Not available.

Viscosity 9.3 - 10.6 cP Brookfield Viscometer Temperature 50°C

Other physical and chemical parameters

Chemical family Acrylate/Polymer/Pigment Blend

VOC 0.2 g/L Calculated

10. Stability and reactivity

Reactivity Not available.

Chemical stability Stable under normal storage conditions.

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

Conditions to avoid Exposure to sunlight.

Incompatible materials 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.

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 Causes serious eye irritation.

Ingestion Ingestion is not a likely route of exposure.

Symptoms Not available.

| | | | |
|---|---|---------------------|--|
| Acute toxicity | May be harmful if swallowed. | | |
| Components | Species | Test Results | |
| Black Pigment | | | |
| Acute | | | |
| Oral | | | |
| LD50 | Rat | > 10000 mg/kg | |
| N-vinylcaprolactam (CAS 2235-00-9) | | | |
| Acute | | | |
| Dermal | | | |
| LD50 | Rabbit | 1700 mg/kg | |
| Inhalation | | | |
| LC50 | Rat | > 1.6 mg/l | |
| Oral | | | |
| LD50 | Rat | 1114 mg/kg | |
| Skin irritation and corrosion | Causes skin irritation. | | |
| Serious eye damage/eye irritation | Causes serious eye irritation. | | |
| 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. | | |
| Carbon black is classified as a carcinogen by the IARC (possibly carcinogenic to humans, Group 2B) and by the State of California under Proposition 65. In their evaluations of carbon black, both organizations indicate that exposure to carbon black, per se, does not occur when it remains bound within a product matrix, specifically, rubber, ink, or paint. Carbon black is present only in a bound form in this preparation. | | | |
| ACGIH Carcinogens | | | |
| Butylhydroxytoluene (CAS 128-37-0) | A4 Not classifiable as a human carcinogen. | | |
| Brazil. OELs (Ordinance No. 3214, 6/8/78, NR-15, Annex 11 (amended through ACGIH)) | | | |
| Butylhydroxytoluene (CAS 128-37-0) | Group A4 Not classifiable as a human carcinogen. | | |
| IARC Monographs. Overall Evaluation of Carcinogenicity | | | |
| Benzophenone (CAS 119-61-9) | 2B Possibly carcinogenic to humans. | | |
| Butylhydroxytoluene (CAS 128-37-0) | 3 Not classifiable as to carcinogenicity to humans. | | |
| Toxic to reproduction | Suspected of damaging the unborn child. | | |
| Specific target organ toxicity - single exposure | May cause irritation to the respiratory system. | | |
| 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. | | |
| Other information | Complete toxicity data are not available for this specific formulation | | |

12. Ecological information

Aquatic toxicity Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. This product has not been tested for ecological effects.

Ecotoxicity

| Components | Species | Test Results |
|--|--------------------------|--------------------------------|
| 2-phenoxyethyl acrylate (CAS 48145-04-6) | | |
| <i>Acute</i> | | |
| EC10 | Desmodesmus subcapitatus | 0.71 mg/l, 72 h (DIN 38412 L9) |
| EC50 | Desmodesmus subcapitatus | 4.44 mg/l, 72 h (DIN 38412 L9) |
| LC50 | Leuciscus idus | 10 mg/l, 96 h (DIN 38 412) |
| NOEC | Desmodesmus subcapitatus | 0.71 mg/l, 72 h (DIN 38412 L9) |

| Components | Species | Test Results |
|--|--|--|
| Aquatic | | |
| <i>Acute</i> | | |
| Crustacea | EC50 | Daphnia magna |
| | | 1.21 mg/l, 48 h (Directive CE 79/831/CEE, Annex V, Part C) |
| Difunctional acrylic monomer | | |
| <i>Acute</i> | | |
| | EC10 | Pseudokirchneriella subcapitata |
| | EC50 | Pseudokirchneriella subcapitata |
| | | 2.3 mg/l, 72 h (OECD 201) |
| | | 11 mg/l, 72 h (OECD 201) |
| Aquatic | | |
| <i>Acute</i> | | |
| Crustacea | EC50 | Daphnia Magna |
| Fish | LC50 | Danio rerio |
| | | 37 mg/l, 48 h (OECD 202) |
| | | 2.7 mg/l, 96 h (OECD 203) |
| Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide | | |
| <i>Acute</i> | | |
| | EC10 | Pseudokirchneriella subcapitata |
| | EC50 | Pseudokirchneriella subcapitata |
| | LC50 | Cyprinus carpio |
| | | 1.56 mg/l, 72 h (OECD 201) |
| | | > 2.01 mg/l, 72 h (OECD 201) |
| | | 1.4 mg/l, 96 h (OECD 203) |
| Aquatic | | |
| <i>Acute</i> | | |
| Crustacea | EC50 | Daphnia magna |
| | | 3.53 mg/l, 48 h (OECD 202) |
| Persistence and degradability | Not available. | |
| Bioaccumulative potential | Not available. | |
| Partition coefficient n-octanol / water (log Kow) | Not available. | |
| Bioconcentration factor (BCF) | Not available. | |
| Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide | 72, (JIS K 0102-1986, 71 - Kanpogyo No .S, Yakuhatu No . 615, 49-Kikyoku No . 392, MITI/MHW Chemical Substance Control Law, Japan) | |
| Mobility in soil | Not available. | |
| Other adverse effects | Not available. | |

13. Considerations on final disposal

Recommended methods for final destination

| | |
|-----------------------------------|--|
| Residual waste | Not available. |
| Contaminated packaging | Not available. |
| 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. |

14. Transport information

DOT

| | |
|-------------------------------------|----------------|
| UN number | Not available. |
| UN proper shipping name | Not Regulated |
| Transport hazard class(es) | |
| Class | Not available. |
| Subsidiary risk | - |
| Packing group | Not available. |
| Environmental hazards | |
| Marine pollutant | No |
| Special precautions for user | Not available. |

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) |

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), 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)

Transport hazard class(es)

Class 9

Subsidiary risk -

Hazard No. (ADR) Not available.

Tunnel restriction code Not available.

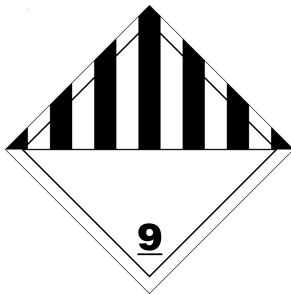
Packing group III

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



Further information

Transport in bulk according to Annex II of MARPOL73/78 and the IBC code: Not applicable.

15. Regulatory information

Federal regulations

Chemical Products for the Manufacture and Synthesis of Narcotics and Psychotropic Subject to Control of the Ministry of Justice (Resolution No. 169 of 15 August 2017, Annex I, List D2)

Not listed.

Controlled products that must be reported to the Army (Decree No. 3655, Annex 1, as amended)

Not applicable.

Drug precursors (Ordinance No. 1.274)

Not applicable.

Ozone depleting substances (Decree No. 99.280, Annexes A, B, C and E, as amended)

Not applicable.

POPs (Decree No. 5.472 promulgates the Stockholm Convention on persistent organic pollutants)

Not listed.

Use and physiological effects of chemical products (Decree No. 3665, Annex 3)

Not applicable.

International regulations

The components of this product are reported in the following inventories: USA, European Union, Canada, Japan, China, Australia, Korea.

Montreal Protocol

Not applicable.

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto protocol

Not applicable.

Basel Convention

Not applicable.

16. Other information

Significant information, yet not specifically related to the previous sections Not available.

Other information

This Safety Data Sheet for Chemical Products (FISPQ) was prepared in compliance with ABNT NBR 14725:2005.

Disclaimer

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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 |