




SAFETY DATA SHEET

Issue date: 22-Oct-2018
Revision date: 25-Aug-2020
Version #: 04

1. Chemical and company identification

| | |
|---|---|
| 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 chemical (Product name) | CP904Series |
| | HP Japan Inc. 5F Ojima2-2-1 Koto-ku Tokyo, Japan 136-8711 |
| Poison Information Centre Telephone | 0120-50-3024 (+81) 3 5628-1101 |
| HP Inc. health effects line (Toll-free within the US) (Direct) | 1-800-457-4209 1-760-710-0048 |
| HP Inc. Customer Care Line (Toll-free within the US) (Direct) | 1-800-474-6836 1-208-323-2551 |
| Email: | hpcustomer.inquiries@hp.com |
| Recommended use of the chemical and restrictions on use | |
| Intended use | Inkjet printing |

2. Hazards identification

| | |
|--|--|
| GHS classification | |
| Physical hazards | The product is not classified according to GHS. |
| Health hazards | Sensitization, skin Category 1 |
| Environmental hazards | The product is not classified according to GHS. |
| GHS label elements | |
| Symbols |  |
| Signal words | Warning |
| Hazard statement | May cause an allergic skin reaction. |
| Precautionary statement | |
| Prevention | Wear protective gloves/protective clothing/eye protection. Avoid breathing mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. |
| Response | IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. |
| Storage | None. |
| Disposal | Dispose of contents/container in accordance with local/regional/national/international regulations. |
| Other hazards which do not result in classification | Potential routes of overexposure to this product are skin and eye contact. Inhalation of vapor and ingestion are not expected to be significant routes of exposure for this product under normal use conditions. Complete toxicity data are not available for this specific formulation. |
| Supplemental information | None. |

3. Composition/information on ingredients

| | | | | |
|-----------------------------|-----------------------------|-----------------|-----------------|--------------------------|
| Substance or mixture | Mixture | | | |
| | Gazette notification | | | |
| Components | CAS Number | ENCS no. | ISHL no. | Concentration (%) |
| Water | 7732-18-5 | (9)-447 | | 65-85 |
| Black Pigment | Proprietary | Proprietary | Proprietary | <5 |

| | Gazette notification | | | |
|------------------------------|----------------------|----------|----------|-------------------|
| | CAS Number | ENCS no. | ISHL no. | Concentration (%) |
| 1,2-Benzisothiazolin-3-one | 2634-33-5 | (9)-1845 | (9)-1845 | <0.05 |
| 2-methyl-2h-isothiazol-3-one | 2682-20-4 | (5)-5235 | (5)-5235 | <0.05 |

Chemical formula H₂O (7732-18-5), C₇H₅NOS (2634-33-5), C₇H₅NOS (2634-33-5), C₄H₅NOS (2682-20-4)

Composition comments This ink supply contains an aqueous ink formulation.

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

4. First aid measures

| | |
|---------------------|---|
| If inhaled | Move to fresh air. If symptoms persist, get medical attention. |
| If on skin | Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention. |
| If in eyes | 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. |
| If swallowed | If ingestion of a large amount does occur, seek medical attention. |

5. Fire-fighting measures

| | |
|-------------------------------------|---|
| Extinguishing media | CO ₂ , water, dry chemical, or foam For small (incipient) fires, use media such as foam, sand, dry chemical, or carbon dioxide. For large fires use very large (flooding) quantities of water and/or foam, applied as a mist or spray. |
| Extinguishing media to avoid | None known. |
| Specific methods | None established. |

6. Accidental release measures

| | |
|--|---|
| Personal precautions, protective equipment and emergency measures | Wear appropriate personal protective equipment. |
| Environmental precautions | Do not let product enter drains. Do not flush into surface water or sanitary sewer system. |
| Methods or materials for containment and cleaning up | Dike the spilled material, where this is possible. Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps. |

7. Handling and storage

| | |
|--|---|
| Handling | |
| Technical measures (e.g. Local and general ventilation) | Not available. |
| Safe handling advice | Not available. |
| Hygiene measures | Handle in accordance with good industrial hygiene and safety practice. |
| Storage | |
| Safe storage conditions | Keep out of the reach of children. Keep away from excessive heat or cold. |
| Safe packaging materials | Not available. |

8. Exposure controls/personal protection

Occupational exposure limits

Japan. OELs - JSOH (Japan Society of Occupational Health: Recommendation of Occupational Exposure Limits)

| Components | Type | Value | Form |
|---------------|------|---------------------|------------------|
| Black Pigment | TWA | 4 mg/m ³ | Total dust. |
| | | 1 mg/m ³ | Respirable dust. |

US. ACGIH Threshold Limit Values

| Components | Type | Value | Form |
|---------------|------|---------------------|---------------------|
| Black Pigment | TWA | 3 mg/m ³ | Inhalable fraction. |

| | |
|--------------------------------------|--|
| Exposure guidelines | Exposure limits have not been established for this product. |
| Engineering measures | Use in a well ventilated area. |
| Personal protective equipment | |
| Respiratory protection | Not available. |
| Hand protection | Not available. |
| Hygiene measures | Handle in accordance with good industrial hygiene and safety practice. |

| | |
|--------------------------------------|----------------|
| Personal protective equipment | |
| Eye protection | Not available. |
| Skin and body protection | Not available. |

9. Physical and chemical properties

| | |
|--|------------------------------------|
| Appearance | |
| Physical state | Not available. |
| Color | Black. |
| Odor | Not available. |
| pH | 8-8.5 |
| Melting point/Freezing point | Not available. |
| Boiling point, initial boiling point, and boiling range | Not available. |
| Flash point | > 266.0 °F (> 130.0 °C) Calculated |
| 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. |
| Specific gravity | 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 (Coefficient of viscosity) | Not available. |
| Other information | |
| VOC | < 120 g/l estimated |

10. Stability and reactivity

| | |
|---|---|
| Reactivity | Not available. |
| Chemical stability | Stable under recommended storage conditions. |
| Possibility of hazardous reactions | Will not occur. |
| Conditions to avoid | None. |
| Incompatible materials | Incompatible with strong bases and oxidizing agents. |
| 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

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

| Components | Species | Test Results |
|---------------|---------|---------------|
| Black Pigment | | |
| <u>Acute</u> | | |
| Oral | | |
| LD50 | Rat | > 10000 mg/kg |

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitization

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

| | |
|---|--|
| Skin sensitization | Non-sensitizer- Local Lymph Node Assay (OECD 429). |
| 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. |
| Reproductive toxicity | Based on available data, the classification criteria are not met. |
| Specific target organ toxicity - single exposure | Based on available data, the classification criteria are not met. |
| Specific target organ toxicity - repeated exposure | Based on available data, the classification criteria are not met. |
| 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 | This product has not been tested for ecological effects. |
| Ecotoxicity | Not available. |
| Persistence and degradability | Not available. |
| Bioaccumulation | Not available. |
| Mobility in soil | Not available. |
| Hazardous to the ozone layer | Not available. |

13. Disposal considerations

| | |
|-----------------------------------|---|
| 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

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

ADR

Not regulated as dangerous goods.

Further information Not a dangerous good under DOT, IATA, ADR, IMDG, or RID.

15. Regulatory information

Industrial Safety and Health Act

Notifiable substances

Not regulated.

Labeling substances

CARBONBLACK

0 - 5.0 %

Poisonous and Deleterious Substances Control Act

Specified poisonous substances

Not regulated.

Poisonous substances

Not regulated.

Deleterious substances

Not regulated.

Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc.

Class I specified chemical substances

Not regulated.

Class II specified chemical substances

Not regulated.

Monitoring chemical substances

Not regulated.

Priority Assessment Chemical Substances (PACs)

Not regulated.

Reporting Exempted Substances

Not regulated.

Law concerning Pollutant Release and Transfer Register

Specified class 1 substances (substance name, ordinance number and content)

Not regulated.

Class 1 substances (substance name, ordinance number and content)

Not regulated.

Class 2 substances (substance name, ordinance number and content)

Not regulated.

Fire Service Act Not dangerous goods under Fire Service Law

Ship Safety Law, Dangerous Goods Marine Transport and Storage Rule Not regulated.

Air Law, Enforcement Rule Not regulated.

Explosives Control Act Not regulated.

Act on Prevention of Marine Pollution and Maritime Disaster

WATER

Category: Other Substances

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

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 safety data sheet is meant to convey information about HP inks (toners) provided in HP Original ink (toner) supplies. If our Safety Data Sheet has been provided to you with a refilled, remanufactured, compatible or other non-HP Original supply please be aware that the information contained herein was not meant to convey information about such products and there could be considerable differences from information in this document and the safety information for the product you purchased. Please contact the seller of the refilled, remanufactured or compatible supplies for applicable information, including information on personal protective equipment, exposure risks and safe handling guidance. HP does not accept refilled, remanufactured or compatible supplies in our recycling programs.

Revision information Composition / Information on Ingredients: Ingredients

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 |