



SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name or designation of the mixture CN744 Series
Registration number -
Synonyms HP Scitex WB300 Supreme Black Ink
Issue date 10-Dec-2013
Version number 05
Revision date 12-Sep-2017
Supersedes date 08-Sep-2017

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Inkjet printing.
Uses advised against None known.

1.3. Details of the supplier of the safety data sheet

HP Production Company Limited
Liffey Park Technology Campus
Barnhall Road
Leixlip, Co.Kildare
Ireland
Telephone 01 6150000

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

1.4 Emergency telephone number +353 1 8379964

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 as amended

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Contains: Carbon black, Dipropylene glycol, Monomer Resin, Water
Hazard pictograms None.
Signal word None.
Hazard statements The mixture does not meet the criteria for classification.

Precautionary statements

Prevention Not available.
Response Not available.
Storage Not available.
Disposal Not available.

Supplemental label information None.

2.3. Other hazards

Carbon black is classified by the IARC as a Group 2B carcinogen (the substance is possibly carcinogenic to humans). Carbon black in this preparation, due to its bound form, does not present this carcinogenic risk. Potential routes of overexposure to this product are skin and eye contact. None of the other ingredients in this preparation are classified as carcinogens according to ACGIH, EU, IARC, MAK, NTP or OSHA.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

| Chemical name | % | CAS-No. / EC No. | REACH Registration No. | Index No. | Notes |
|------------------------|---|--------------------------|------------------------|-----------|-------|
| Dipropylene glycol | <50 | 25265-71-8 246-770-3 | 01-2119456811-38-XXXX | - | |
| Classification: | - | | | | |
| Water | <40 | 7732-18-5 231-791-2 | - | - | |
| Classification: | - | | | | |
| Monomer Resin | <10 | Mixture - | - | - | |
| Classification: | Skin Irrit. 2;H315, Eye Irrit. 2;H319, STOT SE 3;H335 | | | | |
| Carbon black | <7.5 | Proprietary 215-609-9 | 01-2119384822-32-XXXX | - | |
| Classification: | - | | | | |

Composition comments This product is highly soluble in water. Carbon black is present only in a bound form in this preparation.

SECTION 4: First aid measures

General information Not available.

4.1. Description of first aid measures

| | |
|---------------------|--|
| Inhalation | Move to fresh air. If symptoms persist, get medical attention. |
| Skin contact | In case of contact, immediately remove contaminated clothing and flush skin with copious amounts of water. Wash clothing separately before reuse. |
| Eye contact | In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation develops or persists. |
| Ingestion | Rinse mouth out with water. Never give anything by mouth to an unconscious person. If symptoms persist, get medical attention. |

4.2. Most important symptoms and effects, both acute and delayed Not available.

4.3. Indication of any immediate medical attention and special treatment needed Not available.

SECTION 5: Firefighting measures

General fire hazards Not available.

5.1. Extinguishing media

| | |
|---------------------------------------|---|
| Suitable extinguishing media | Suitable extinguishing media; dry sand, CO2 and CO. |
| Unsuitable extinguishing media | Not available. |

5.2. Special hazards arising from the substance or mixture Not available.

5.3. Advice for firefighters

| | |
|--|-------------------------------------|
| Special protective equipment for firefighters | Not available. |
| Special fire fighting procedures | Wear suitable protective equipment. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|------------------------------------|--|
| For non-emergency personnel | Avoid contact with skin. Do not touch or walk through spilled material. Use personal protective equipment to minimize exposure to skin and eye. |
| For emergency responders | Not available. |

6.2. Environmental precautions Do not flush into surface water or sanitary sewer system.

6.3. Methods and material for containment and cleaning up Clean-up methods - small spillage

6.4. Reference to other sections Not available.

SECTION 7: Handling and storage

7.1. Precautions for safe handling Avoid contact with skin, eyes and clothing. Use personal protective equipment as required. Use only with adequate ventilation. When using, do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities Keep tightly closed in a dry, cool and well-ventilated place. Store at room temperature.

7.3. Specific end use(s) Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

Ireland. Occupational Exposure Limits Components

| Components | Type | Value |
|--------------|------|-----------------------|
| Carbon black | STEL | 7 mg/m ³ |
| | TWA | 3.5 mg/m ³ |

Biological limit values No biological exposure limits noted for the ingredient(s).

Recommended monitoring procedures Not available.

Derived no effect levels (DNELs)

| Components | Type | Route | Value | Form |
|-------------------------------------|-----------|------------|------------------------|--------------------|
| Carbon black | Consumers | Inhalation | 1.75 mg/m ³ | Local long term |
| | | Inhalation | 0.06 mg/m ³ | Systemic long term |
| | Workers | Inhalation | 2 mg/m ³ | Local long term |
| | | Inhalation | 1 mg/m ³ | Systemic long term |
| Dipropylene glycol (CAS 25265-71-8) | Consumers | Dermal | 51 mg/kg | Systemic long term |
| | | Inhalation | 70 mg/m ³ | Systemic long term |
| | | Oral | 24 mg/kg | Systemic long term |
| | Workers | Dermal | 84 mg/kg | Systemic long term |
| | | Inhalation | 238 mg/m ³ | Systemic long term |

Predicted no effect concentrations (PNECs)

| Components | Type | Route | Value | Form |
|-------------------------------------|----------------|--------------|--------------|------------------------|
| Carbon black | Not applicable | Freshwater | 5 mg/l | |
| | | Marine water | 5 mg/l | |
| Dipropylene glycol (CAS 25265-71-8) | Not applicable | Freshwater | 0.1 mg/l | |
| | | Intermittent | 1 mg/l | Releases |
| | | Marine water | 0.01 mg/l | |
| | | Sediment | 0.238 mg/kg | Freshwater |
| | | Soil | 0.0253 mg/kg | |
| | | STP | 1000 mg/l | Sewage Treatment Plant |

8.2. Exposure controls

Appropriate engineering controls Not available.

Individual protection measures, such as personal protective equipment

| | |
|----------------------------|---|
| General information | Eye wash fountain and emergency showers are recommended. |
| Eye/face protection | Wear safety glasses; chemical goggles (if splashing is possible). |
| Skin protection | |
| - Hand protection | Wear appropriate chemical resistant gloves. |

| | |
|---------------------------------|---|
| - Other | Wear appropriate chemical resistant clothing. |
| Respiratory protection | No personal respiratory protective equipment required under normal conditions of use. Provide adequate ventilation. |
| Thermal hazards | Not available. |
| Hygiene measures | Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Launder contaminated clothing before reuse. |
| Environmental exposure controls | Not available. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

| | |
|--|--|
| Physical state | Liquid. |
| Form | Aqueous solution. |
| Color | Black. |
| Odor | Characteristic. |
| Odor threshold | Not available. |
| pH | 9.5 - 10.1 |
| Melting point/freezing point | Not available. |
| Initial boiling point and boiling range | Not available. |
| Flash point | > 200.0 °F (> 93.3 °C) Closed Cup (Closed Cup) |
| 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. |
| 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 | Not available. |
| Explosive properties | Not available. |
| Oxidizing properties | Not available. |
| 9.2. Other information | |
| Chemical family | Aqueous Formulation |
| VOC | < 451 g/L |

SECTION 10: Stability and reactivity

| | |
|--|---|
| 10.1. Reactivity | Not available. |
| 10.2. Chemical stability | Stable under normal storage conditions. |
| 10.3. Possibility of hazardous reactions | Not available. |
| 10.4. Conditions to avoid | Not available. |
| 10.5. Incompatible materials | None known. None known. |
| 10.6. Hazardous decomposition products | Not available. |

SECTION 11: Toxicological information

| | |
|---------------------|----------------|
| General information | Not available. |
|---------------------|----------------|

Material name: CN744 Series

11308 Version #: 05 Revision date: 12-Sep-2017 Issue date: 10-Dec-2013

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Information on likely routes of exposure

| | |
|---------------------|----------------|
| Inhalation | Not available. |
| Skin contact | Not available. |
| Eye contact | Not available. |
| Ingestion | Not available. |

Symptoms Not available.

11.1. Information on toxicological effects

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

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

Carbon black

Acute

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

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

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.

IARC Monographs. Overall Evaluation of Carcinogenicity

Carbon black (CAS Proprietary)

2B Possibly carcinogenic to humans.

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.

Mixture versus substance information Not available.

Other information Complete toxicity data are not available for this specific formulation
Refer to Section 2 for potential health effects and Section 4 for first aid measures.

SECTION 12: Ecological information

12.1. Toxicity No toxicity data noted for the ingredient(s).

12.2. Persistence and degradability Not available.

12.3. Bioaccumulative potential Not available.

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

Bioconcentration factor (BCF) Not available.

12.4. Mobility in soil Not available.

12.5. Results of PBT and vPvB assessment Not a PBT or vPvB substance or mixture.

12.6. Other adverse effects Not available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Residual waste Not available.

Contaminated packaging Not available.

EU waste code Not available.

Disposal methods/information 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.

SECTION 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.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I

Not listed.

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II

Not listed.

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended

Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry

Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(1) Candidate List as currently published by ECHA

Not listed.

Authorizations

Regulation (EC) No. 143/2011 Annex XIV Substances Subject to Authorization

Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

Not listed.

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work

Not regulated.

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

Not listed.

Other regulations

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.

Other information

This Safety Data Sheet complies with the requirements of Regulation (EU) 2015/830. Classification according to Regulation (EC) No 1272/2008 as amended.

Specific Provisions: Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (in the amended version OJ L 396 from 29.05.2007 page 3 with further rectifications and amendments).

| | |
|---|--|
| National regulations | Not available. |
| 15.2. Chemical safety assessment | See attached SUMI or GEIS document, if applicable. |

SECTION 16: Other information

| | |
|---|---|
| References | <p>Regulation (EC) No. 1907/2006 of December 18, 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and establishing a European Chemicals Agency (REACH).</p> <p>Regulation (EU) 2015/830 of May 28, 2015 amending Regulation (EC) No. 1907/2006.</p> <p>Regulation (EC) No. 1272/2008 of December 16, 2008 on classification, labeling and packaging of substances and mixtures, and amendments (CLP).</p> |
| Information on evaluation method leading to the classification of mixture | The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available. |
| Full text of any H-statements not written out in full under Sections 2 to 15 | <p>H315 Causes skin irritation.</p> <p>H319 Causes serious eye irritation.</p> <p>H335 May cause respiratory irritation.</p> |
| Revision information | SECTION 16: Other information: Information on evaluation method leading to the classification of mixture |
| Training information | Follow training instructions when handling this material. |
| Disclaimer | 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. |

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 |