



SAFETY DATA SHEET

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

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. ***
1.1. Product identifier	
Trade name or designation of the mixture	8Q534Series
Registration number	-
UFI:	S82G-2EU1-100P-AG8Q
Synonyms	None.
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 Deutschland GmbH Herrenberger Strasse 140 71034 Böblingen Germany
Telephone	+ 49 7031 - 450 7000
HP Inc. health effects line	
(Toll-free within the US)	1-800-457-4209
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HP Inc. Customer Care Line	
(Toll-free within the US)	1-800-474-6836
(Direct)	1-208-323-2551
Email:	sustainability@hp.com
1.4 Emergency telephone number	+1 760 476 3961 Access code 9519

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Health hazards

Skin sensitization

Category 1

H317 - May cause an allergic skin reaction.

2.2. Label elements

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

Contains: 1,2-Benzisothiazolin-3-one (Benzisothiazolinone), 2-Methyl-2h-isothiazol-3-one (Methylisothiazolinone)

Hazard pictograms



Signal word

Warning

Hazard statements

H317

May cause an allergic skin reaction.

Precautionary statements

Prevention

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.

Storage

Not available.

Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental label information None.

2.3. Other hazards Complete toxicity data are not available for this specific formulation.

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.

None of the components present in this formulation at concentrations equal to or greater than 0.1% are listed by EU, MAK, IARC, NTP or OSHA.

Endocrine disrupting properties (Toxicity/Ecotoxicity): This mixture does not contain known components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels above possible trace contaminate levels.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
1,2-Benzisothiazolin-3-one (Benzisothiazolinone)	<0.1	2634-33-5 220-120-9	01-2120761540-60-XXXX	613-088-00-6	Classification: Acute Tox. 4;H302;(ATE: 500 mg/kg), Acute Tox. 2;H330, Skin Irrit. 2;H315, Eye Dam. 1;H318, Skin Sens. 1A;H317, Aquatic Acute 1;H400(M=1), Aquatic Chronic 2;H411 Specific Concentration Limits: Skin Sens. 1A;H317: C ≥ 0.05 %
2-Methyl-2h-isothiazol-3-one (Methylisothiazolinone)	<0.1	2682-20-4 220-239-6	01-2120764690-50-XXXX	613-326-00-9	Classification: Acute Tox. 3;H301, Acute Tox. 3;H311, Acute Tox. 2;H330, Skin Corr. 1B;H314, Eye Dam. 1;H318, Skin Sens. 1A;H317, Aquatic Acute 1;H400(M=10), Aquatic Chronic 1;H410 Specific Concentration Limits: Skin Sens. 1A;H317: C ≥ 0.002 %

Composition comments This ink supply contains an aqueous ink formulation.

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 Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists.

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 ingestion of a large amount does occur, seek 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	Dry chemical, CO2, water spray or regular foam.
Unsuitable extinguishing media	None known.
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	Not available.
Specific methods	None established.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures	
For non-emergency personnel	Wear appropriate personal protective equipment.
For emergency responders	Not available.
6.2. Environmental precautions	Do not let product enter drains. Do not flush into surface water or sanitary sewer system.
6.3. Methods and material 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.
6.4. Reference to other sections	For waste disposal, see section 13 of the SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling	Avoid contact with skin, eyes and clothing.
7.2. Conditions for safe storage, including any incompatibilities	Keep out of the reach of children. Keep away from excessive heat or cold.
7.3. Specific end use(s)	Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters	
Occupational exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
Recommended monitoring procedures	Not available.
Derived no effect levels (DNELs)	Not available.
Predicted no effect concentrations (PNECs)	Not available.
Exposure guidelines	Exposure limits have not been established for this product.
8.2. Exposure controls	
Appropriate engineering controls	Use in a well ventilated area.
Individual protection measures, such as personal protective equipment	
General information	Use personal protective equipment to minimize exposure to skin and eye.
Eye/face protection	Not available.
Skin protection	
- Hand protection	Not available.
- Other	Not available.
Respiratory protection	Not available.
Thermal hazards	Not available.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls Not available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Color	Black.
Odor	Not available.
Melting point/freezing point	Not available.
Boiling point or initial boiling point and boiling range	Not available.
Flammability	Not available.
Flash point	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
pH	Not available.
Kinematic viscosity	Not available.
Solubility	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water) (log value)	Not available.
Vapor density	Not available.
Density and/or relative density	
Density	1.04 g/ml
Napor density	Not available.
Particle characteristics	Not available.
Explosive properties	Not available.
Oxidizing properties	Not determined
9.2. Other information	
9.2.1. Information with regard to physical hazard classes	No relevant additional information available.
9.2.2. Other safety characteristics	VOC according to Directive 2010/75/EU: <2 g/L
VOC	129 g/l US EPA Method 24

SECTION 10: Stability and reactivity

10.1. Reactivity	Not available.
10.2. Chemical stability	Stable under recommended storage conditions.
10.3. Possibility of hazardous reactions	Will not occur.
10.4. Conditions to avoid	Not available.
10.5. Incompatible materials	Incompatible with strong bases and oxidizing agents.
10.6. Hazardous decomposition products	Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

SECTION 11: Toxicological information

General information	Not available.
Information on likely routes of exposure	
Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Skin contact	Contact with skin may result in mild irritation.
Eye contact	Contact with eyes may result in mild irritation.
Ingestion	Health injuries are not known or expected under normal use.
Symptoms	Not available.
11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008	
Acute toxicity	Based on available data, the classification criteria are not met.

Components	Species	Test Results
1,2-Benzisothiazolin-3-one (Benzisothiazolinone) (CAS 2634-33-5)		
Acute		
Dermal		
LD50	Rat	> 2000 mg/kg (OECD 402)
Oral		
LD50	Mouse	1150 mg/kg
	Rat	1020 mg/kg
		670 mg/kg (OECD 401)
2-Methyl-2h-isothiazol-3-one (Methylisothiazolinone) (CAS 2682-20-4)		
Acute		
Dermal		
LD50	Rat	242 mg/kg (OECD 402)
Inhalation		
LC50	Rat	0.11 mg/l, 4 h (OECD 403)
Oral		
LD50	Rat	120 mg/kg
Skin corrosion/irritation	Based on available data, the classification criteria are not met.	
Irritation Corrosion - Skin		
2-Methyl-2h-isothiazol-3-one (Methylisothiazolinone)	Corrosive, rabbit (OECD 404)	
1,2-Benzisothiazolin-3-one (Benzisothiazolinone)	Irritating (4 h, rabbit)	
Serious eye damage/eye irritation	Not classified as an irritant according to, OECD 405.	
Eye		
1,2-Benzisothiazolin-3-one (Benzisothiazolinone)	Causes serious eye damage (rabbit)	
2-Methyl-2h-isothiazol-3-one (Methylisothiazolinone)	Corrosive, based on OECD 404 results	
Respiratory sensitization	Based on available data, the classification criteria are not met.	
Skin sensitization	May cause sensitization by skin contact.	
Skin sensitization		
1,2-Benzisothiazolin-3-one (Benzisothiazolinone)	Causes sensitization (Guinea pig, OECD 406)	
2-Methyl-2h-isothiazol-3-one (Methylisothiazolinone)	Sensitizing, mice (OECD 429), Sensitizing, guinea pigs (OECD 406)	
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. None of the other ingredients in this preparation are classified as carcinogens according to ACGIH, EU, IARC, MAK, NTP or OSHA. None of the ingredients have been classified as carcinogens according to EU, IARC, MAK, NTP, OSHA or ACGIH.	
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.	
11.2. Information on other hazards		
Endocrine disrupting properties	(Toxicity): This mixture does not contain known components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels above possible trace contaminate levels.	
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

Aquatic toxicity No information available.

Components		Species	Test Results
1,2-Benzisothiazolin-3-one (Benzisothiazolinone) (CAS 2634-33-5)			
<i>Acute</i>			
	EC50	Activated sludge	12.8 mg/l, 3 h (OECD 209)
Other	EC50	Pseudokirchnerella subcapitata	0.11 mg/l, 72 h OECD (201)
	NOEC	Pseudokirchnerella subcapitata	0.055 mg/l, 72 h (OECD 201)
Aquatic			
<i>Acute</i>			
Crustacea	EC50	Daphnia magna	4.4 mg/l, 48 h 2.9 mg/l, 48 h (OECD 202)
Fish	LC50	Oncorhynchus mykiss	2.15 mg/l, 96 h (OECD 203) 0.8 mg/l, 96 h
2-Methyl-2h-isothiazol-3-one (Methylisothiazolinone) (CAS 2682-20-4)			
<i>Acute</i>			
	EC50	Activated sludge	34.6 mg/l (DIN 38412-3)
Other	EC50	Pseudokirchnerella subcapitata	0.445 mg/l, 120 h (OECD 201)
Aquatic			
<i>Acute</i>			
Crustacea	EC50	Daphnia magna	1.68 mg/l, 48 h (OECD 202)
Fish	LC50	Rainbow Trout	6 mg/l, 96 h (OECD 203)
<i>Chronic</i>			
Crustacea	NOEC	Daphnia magna	0.0442 mg/l, 21 d (OECD 211)
Fish	NOEC	Oncorhynchus mykiss	4.93 mg/l, 98 d (OECD 210)

12.2. Persistence and degradability

Biodegradability

Percent degradation (Aerobic biodegradation-ready)

1,2-Benzisothiazolin-3-one (Benzisothiazolinone)	85 %, Not readily biodegradable (OECD 301C) Test Duration: 63 d
2-Methyl-2h-isothiazol-3-one (Methylisothiazolinone)	54.1 %, (OECD 301B) Test Duration: 29 d

12.3. Bioaccumulative potential Not available.

Partition coefficient

n-octanol/water (log Kow)

1,2-Benzisothiazolin-3-one (Benzisothiazolinone)	0.7 (OECD 117)
2-Methyl-2h-isothiazol-3-one (Methylisothiazolinone)	-0.32 (OECD 107)

Bioconcentration factor (BCF)

1,2-Benzisothiazolin-3-one (Benzisothiazolinone)	6.62, (OECD 305) Species: Bluegill (Lepomis macrochirus)
2-Methyl-2h-isothiazol-3-one (Methylisothiazolinone)	48.1, Viscera (1972) Species: Bluegill (Lepomis macrochirus) 5.75, Carcass (1972) Species: Bluegill (Lepomis macrochirus)

12.4. Mobility in soil

Adsorption

Soil/sediment sorption - log Koc

1,2-Benzisothiazolin-3-one (Benzisothiazolinone)	0.97, (OECD 121)
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12.5. Results of PBT and vPvB assessment Not a PBT or vPvB substance or mixture.

12.6. Endocrine disrupting properties (Ecotoxicity): This mixture does not contain known components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels above possible trace contaminate levels.

12.7. 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 allow this material to drain into sewers/water supplies. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. HP's Planet Partners (trademark) supplies recycling program enables simple, convenient recycling of HP original inkjet and LaserJet supplies. For more information and to determine if this service is available in your location, please visit http://www.hp.com/recycle .

SECTION 14: Transport information

ADR

14.1. UN number	Not regulated as dangerous goods.
14.2. UN proper shipping name	Not Regulated
14.3. Transport hazard class(es)	
Class	Not assigned.
Subsidiary risk	-
Hazard No. (ADR)	Not assigned.
Tunnel restriction code	Not assigned.
14.4. Packing group	Not assigned.
14.5. Environmental hazards	No
14.6. Special precautions for user	Not assigned.

IATA

14.1. UN number	Not regulated as dangerous goods.
14.2. UN proper shipping name	Not Regulated
14.3. Transport hazard class(es)	
Class	Not assigned.
Subsidiary risk	-
14.4. Packing group	Not assigned.
14.5. Environmental hazards	No
14.6. Special precautions for user	Not assigned.

IMDG

14.1. UN number	Not regulated as dangerous goods.
14.2. UN proper shipping name	Not Regulated
14.3. Transport hazard class(es)	
Class	Not assigned.
Subsidiary risk	-
14.4. Packing group	Not assigned.
14.5. Environmental hazards	
Marine pollutant	No
EmS	Not assigned.
14.6. Special precautions for user	Not assigned.

14.7. Maritime transport in bulk according to IMO instruments Not available.

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

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

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 and II, as amended

Not listed.

Regulation (EU) 2019/1021 On persistent organic pollutants (recast), 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, as amended

Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA

Not listed.

Authorizations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended

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, as amended

Not listed.

Other EU regulations

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

1,2-Benzisothiazolin-3-one (Benzisothiazolinone) (CAS 2634-33-5)

2-Methyl-2h-isothiazol-3-one (Methylisothiazolinone) (CAS 2682-20-4)

Other regulations

HP complies with chemical regulatory requirements in chemical substance notification laws, where applicable. All chemical substances are notified or exempt from notification or listed in the inventory as existing substances in the following countries: US (TSCA), Canada (DSL/NDSL), Australia (AICIS), Japan (ISHL, ENCS), Philippines (PICCS), New Zealand (NZIoC) and China (IECSC). For guidance on importation and/or additional requirements for registration schemes such as EAEU, EU, South Korea, Turkey, UK, India and Taiwan, please contact the Sustainability and Compliance Center (sustainability@hp.com).

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.

Water hazard class

AwSV

WGK1

15.2. Chemical safety assessment

See attached SUMI or GEIS document, if applicable.

SECTION 16: Other information

References

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).

Regulation (EC) No. 1272/2008 of December 16, 2008 on classification, labeling and packaging of substances and mixtures, and amendments (CLP).

The information in this document is based on the present state of our knowledge, including but not limited to the data present in the registrations of the ingredients, it does not purport to be all-inclusive and shall be used only as a guide.

This Safety Data Sheet is in compliance with Commission Regulation (EU) 2020/878 of 18 June 2020 amending REACH Annex II.

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 statements, which are not written out in full under sections 2 to 15

H301 Toxic if swallowed.
H302 Harmful if swallowed.

H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H330 Fatal if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.

Revision information

Training information

Disclaimer

3. Composition / Information on Ingredients: Disclosure Overrides

Follow training instructions when handling this material.

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.

Explanation of abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists
Acute Tox.	Acute toxicity
Aquatic Acute	Short-term (acute) aquatic hazard
Aquatic Chronic	Long-term (chronic) aquatic hazard
Asp. Tox.	Aspiration hazard
Carc.	Carcinogenicity
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)
Eye Dam.	Serious eye damage
Eye Irrit.	Eye Irritation
Flam. Liq.	Flammable liquids
Flam. Sol.	Flammable solids
Lact.	Effects on or via lactation
Muta.	Germ cell mutagenicity
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
Ox. Liq.	Oxidising liquids
Ozone	Hazardous to the ozone layer
PEL	Permissible Exposure Limit
Press. Gas	Gases under pressure
RCRA	Resource Conservation and Recovery Act
REC	Recommended
REL	Recommended Exposure Limit
Repr.	Reproductive toxicity
Resp. Sens.	Respiratory sensitization
SARA	Superfund Amendments and Reauthorization Act of 1986
Skin Corr.	Skin corrosion
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitization
STEL	Short-Term Exposure Limit
STOT RE	Specific target organ toxicity - repeated exposure
STOT SE	Specific target organ toxicity - single exposure
TCLP	Toxicity Characteristics Leaching Procedure
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
VOC	Volatile Organic Compounds

Safe Use of Mixtures Information (SUMI)

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Water Based Ink: WB02 *English*

Disclaimer

This SUMI is a generic document for communicating conditions of safe use of a product in response to the REACH obligation. This document relates only to conditions of safe use and is not specific to a product. By adding this SUMI to a specific product Safety Data Sheet (SDS), the importer/formulator declares that the mixture can safely be used following the instructions below. Following occupational health legislation, the employer of workers remains responsible for communicating relevant use information to employees. When developing workplace instructions for employees, SUMI Sheets should always be considered in combination with the SDS and the label of the product. Derived No Effect Levels (DNEL) and Predicted No Effect Concentration (PNEC) values of substances derived from the Chemical Safety Assessment (CSA) will be given in section 8 of the SDS. The REACH registration numbers, where applicable, complete an extended product SDS.

Operational conditions

Maximum duration	Up to 8 hours per day.
Frequency of exposure	< 240 days per year.
Physical state	Liquid.
Process conditions	Covers use at ambient temperatures. Provide a good standard of controlled ventilation (10 to 15 air changes per hour). Avoid direct contact. Regular cleaning of equipment and work area. Supervision in place to check that Risk Management Measures (RMM's) in place are being correctly used and Operational Conditions (OC's) followed.

Risk management measures

Conditions and measures related to Personal Protection Equipment (PPE), hygiene and health evaluation	Wear safety glasses with side shields (or goggles), if splashing is possible. Wear appropriate chemical resistant gloves: see section 8 of the SDS. Wear appropriate chemical resistant clothing. In case of inadequate ventilation wear respiratory protection. Eye wash station and emergency showers are recommended. Avoid breathing mist/vapours. Avoid contact with skin, eyes and clothing. Training of workers in relation to proper use and maintenance of all Personal protection equipment (PPE) must be ensured.
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Good practice advice

Use personal protective equipment as required.
Wash hands before breaks and after work.
Keep good industrial hygiene and safety practice.
Use only with adequate ventilation.
Do no eat, drink or smoke when using this product.
Wash contaminated clothing before reuse.
Store at room temperature.



Environmental measures

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 appropriately licenced waste contractor.

Use descriptors

IS-Use at industrial sites.
PW-Widespread use by professional workers.
SU7-Printing and reproduction media.
PC18-Inks and Toners.
PROC3- Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition.
PROC8a-Transfer of substance or mixture (charging and discharging) at non-dedicated facilities.
PROC8b-Transfer of substance or mixture (charging and discharging) at dedicated facilities.
PROC28 - Manual maintenance (cleaning and repair) of machinery.
ERC5-Use at industrial site leading to inclusion into/onto article.
ERC8c-Widespread use leading to inclusion into/onto article (indoor).

Additional information on product composition

In section 2 of the SDS as well as on the label, the classification of the mixture is provided.
Most of the water based inks are "not classified".
All ingredients contributing to the classification are stated in Section 3 of the SDS.
Relevant limit values of ingredients on which the exposure assessment is based, are listed in section 8 of the SDS.
The product may contain sensitizing ingredients that may cause allergic reaction to certain people.
Section 2 of the SDS states these ingredients where applicable.