SAFETY DATA SHEET

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 P2V79Series

Registration number -

UFI: VE7P-VGW3-S306-JT3U

Synonyms None.

Issue date 16-Mar-2018

Version number 25

Revision date 01-Aug-2024

Supersedes date 29-Jun-2024

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 Inc UK Ltd, Regulatory Enquiries, Earley West
300 Thames Valley Park Drive, Reading, RG6 1PT

Telephone +44 20 7660 0596 (Consumer)
+44 20 7660 0403 (Commercial)

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: sustainability@hp.com

1.4 Emergency telephone number +44 20 35147487

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.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Response

P302 + P352	IF ON SKIN: Wash with plenty of 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.

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, 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					
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					

Composition comments This ink supply contains an aqueous ink formulation.

SECTION 4: First aid measures

General information Not available.

4.1. Description of first aid measures

Inhalation Remove 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	Not available.

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	Not available.

Individual protection measures, such as personal protective equipment

General information	Use personal protective equipment to minimize exposure to skin and eye.
Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin protection	
- Hand protection	Use protective gloves made of: Nitrile rubber.
- Other	Wear appropriate chemical resistant clothing.
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

Appearance

Physical state	Liquid.

Form	Not available.
Color	Yellow
Odor	Not available.
Odor threshold	Not available.
pH	8 - 10
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	>230.0 °F (>110.0 °C)
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor density	Not available.
Density and/or relative density	
Density	1.05 g/cm3
Relative density	1 - 1.1 g/cm3
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 determined
9.2. Other information	
Flammability	Not flammable according to GHS Hazard Classification Criteria.
Particle size	Not applicable.
Percent volatile	2 % estimated
Specific gravity	1 - 1.1
VOC	<182 g/l

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	None known.
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., fluorinated hydrocarbons and hydrogen fluoride.

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	Ingestion is not a likely route of exposure.
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
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. Non irritant in rabbit (OECD 404)

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

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 an allergic skin reaction.

Skin sensitization

1,2-Benzisothiazolin-3-one (Benzisothiazolinone)	Causes sensitization (Guinea pig, OECD 406)
2-Methyl-2h-isothiazol-3-one (Methylisothiazolinone)	Sensitzing, mice (OECD 429), Sensitzing, 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.

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

SECTION 12: Ecological information

12.1. Toxicity No information available.

Aquatic toxicity No information available.

Product		Species	Test Results
P2V79Series			
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	> 750 mg/l, 96 Hours

Components		Species	Test Results
1,2-Benzisothiazolin-3-one (Benzisothiazolinone) (CAS 2634-33-5)			
Acute			
	EC50	Activated sludge	12.8 mg/l, 3 h (OECD 209)

Components		Species	Test Results
Other	EC50	Pseudokirchnerella subcapitata	0.11 mg/l, 72 h OECD (201)
	NOEC	Pseudokirchnerella subcapitata	0.055 mg/l, 72 h (OECD 201)
Aquatic			
Acute			
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)			
Acute			
	EC50	Activated sludge	34.6 mg/l (DIN 38412-3)
Other	EC50	Pseudokirchnerella subcapitata	0.445 mg/l, 120 h (OECD 201)
Aquatic			
Acute			
Crustacea	EC50	Daphnia magna	1.68 mg/l, 48 h (OECD 202)
Fish	LC50	Rainbow Trout	6 mg/l, 96 h (OECD 203)
Chronic			
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)

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

12.6. Other adverse effects None known.

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

Retained direct 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.

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).

Not available.

15.2. Chemical safety assessment

See attached SUMI or GEIS document, if applicable.

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).

Contains a short-chain, partially fluorinated substituted glycol at <0.1%.

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.

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

15. Regulatory Information: Regulatory Information

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.

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 resistent gloves: see section 8 of the SDS. Wear appropriate chemical resistent 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.

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.