

SAFETY DATA SHEET
according to Regulation (EC) No. 2020/878 as amended

SDS #: F-60046

HD Waterbased Ink - Black

Issuing Date 16-Feb-2021

Revision date 12-Nov-2024

Revision Number 9

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Name HD Waterbased Ink for Xerox® Trivor® 2400 HD Inkjet Press, Xerox® Impika® Compact, Evolution, Reference Inkjet Presses
Part no. 008R13306
UFI 4M00-407R-A001-ATEU
Colour Black

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

Recommended Use Ink jet printing

1.3 Details of the supplier of the safety data sheet

Supplier Xerox Ltd.
 Uxbridge Business Park
 Building 4
 Sanderson Road
 Uxbridge
 Middlesex. UB8 1DH, UK

For further information, please contact

Contact person Manager, Environment, Health, Safety & Sustainability
Phone ++44 (0)1707 353434
Fax -
E-mail address ehs-europe@xerox.com

For the most current document <https://safetysheets.business.xerox.com>

1.4 Emergency telephone number

+44 1865 407333
 112 – ask for Poisons Information

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

The product is classified and labelled in accordance with Regulation (EC) No. 1272/2008

Serious eye damage/eye irritation	Category 1
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2.2 Label elements

None

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GHS Label elements, including precautionary statements

Hazard symbols



Signal word

Danger

Hazard statements

H318 - Causes serious eye damage

Precautionary statements

P280 - Wear eye protection/ face protection

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing

P310 - Immediately call a POISON CENTER or doctor/physician

UFI

4M00-407R-A001-ATEU

2.3 Other hazards

Contains a chemical that can cause an allergic reaction in susceptible people

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical name	Weight-%	CAS No.	EC No (EU Index No)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Hazard Statements	REACH registration number
Water	50-75	7732-18-5	231-791-2	--	--	--
Glycerin	15-25	56-81-5	200-289-5	--	--	--
Carbon black	5-12	1333-86-4	215-609-9	--	--	01-2119384822-32-0065
2-Pyrrolidone	<3	616-45-5	210-483-1	Eye Irrit 2 Repro Tox 1B	H319 H360	--
Triethylene glycol, monobutyl ether	1-10	143-22-6	205-592-6	Eye Dam. 1	H318	--
Additive	<5	9014-85-1	Listed	Aquatic Chronic 3 Skin Sens. 1B Eye Dam. 1	H318 H317 H412	--
1,2-Hexanediol	<1	6920-22-5	230-029-6	Eye Irrit. 2	H319	--
Polyethylene glycol monobutyl ether	<1	9004-77-7	500-012-0	Eye Dam. 1	H318	--
1,2-Benzisothiazolin-3-one	<0.036	2634-33-5	220-120-9	Acute Tox. 2/inhal. (ATE = 0.21 mg/L, dusts or mists) Acute Tox. 4/oral (ATE = 450 mg/kg bw) Skin Irrit. 2 Eye Dam. 1 Skin Sens. 1A (C ≥ 0.036 %) Aquatic Acute 1 (M = 1) Aquatic Chronic 1 (M = 1)	H318 H315 H400 H410 H302 H317 H330	--

Full text of H- statements: see section 16

Note

"--" indicates no classification or hazard statements apply.

Where no REACH registration number is listed, it is considered confidential to the Only Representative.

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR EMERGENCY MEDICAL CARE.

Eye contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes, If eye irritation persists, consult a specialist

Skin contact

Wash off with warm water and soap, Get medical attention if irritation develops and persists

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Inhalation
Ingestion

Move to fresh air, Get medical attention immediately if symptoms occur
Clean mouth with water and afterwards drink plenty of water, Consult a doctor if necessary,
Do NOT induce vomiting

4.2 Most important symptoms and effects, both acute and delayed

Acute toxicity

Eyes

May cause irritation

Skin

May cause irritation

Inhalation

May cause irritation of respiratory tract

Ingestion

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

Chronic effects

Chronic toxicity

Repeated contact may cause allergic reactions in very susceptible persons

Main symptoms

Overexposure may cause:

Eye irritation

Skin irritation

4.3 Indication of immediate medical attention and special treatment needed

Protection of first-aiders

Avoid contact with skin, eyes and clothing

Notes to physician

Treat symptomatically

SECTION 5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media Water spray, Foam, Carbon dioxide (CO₂)

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire

5.2 Special hazards arising from the substance or mixture

None in particular

Hazardous combustion products

Thermal decomposition can lead to release of irritating gases and vapours

5.3 Advice for fire-fighters

Wear self-contained breathing apparatus and protective suit.

Other information

Flammability

Not flammable

Flash point

> 100 °C

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

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Avoid contact with the skin and the eyes, Use personal protective equipment

6.2 Environmental precautions

Should not be released into the environment, Do not allow material to contaminate ground water system

6.3 Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so, Dyke to collect large liquid spills, Prevent entry into waterways, sewers, basements or confined areas

Methods for cleaning up Soak up with inert absorbent material, Prevent product from entering drains

6.4 Reference to other sections

See section 12 for additional ecological information

See Section 13 for additional information

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice, Ensure adequate ventilation, Prevent the formation of vapours, mist and aerosols, Do not ingest

7.2 Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place, Keep out of the reach of children

7.3 Specific end uses

Ink jet printing

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Exposure Limits For country specific exposure limits see Section 16

Chemical name	ACGIH TLV	European Union
Carbon black	TWA: 3 mg/m ³	

8.2 Exposure controls

Engineering measures Ensure adequate ventilation, especially in confined areas

Individual protection measures, such as personal protective equipment (PPE) Personal protective equipment

Eye/face protection If splashes are likely to occur, wear, Goggles

Hand protection Protective gloves.

Skin and body protection None under normal use conditions

Respiratory protection Use only with adequate ventilation.

Thermal hazards None under normal processing

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Environmental Exposure Controls

Environmental Exposure Controls Keep out of drains, sewers, ditches and waterways

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Opaque	Odour	Slight
Physical state	Liquid	Odour threshold	No data available
Colour	Black	pH	7-9
Flash point	> 100 °C		
Melting point / freezing point	Not applicable		
Initial boiling point and boiling range	Not determined		
Softening point	Not applicable		
Evaporation rate	No information available		
Flammability	Not flammable		
Flammability Limits in Air	No information available		
Vapour pressure @20 °C (kPa)	No information available		
Relative vapor density	No information available		
Specific gravity	No information available		
Liquid Density	1.1 g/cm ³		
Water solubility	Soluble in water		
Partition coefficient	No information available		
Autoignition temperature	No information available		
Decomposition temperature	Not determined		
Viscosity	Viscosity, dynamic 5.4 - 6 Pa.s @ 25 C°		
Explosive properties	Not explosive		
Oxidising properties	Not applicable		

9.2 Other information

None

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reaction known under conditions of normal use

10.2 Chemical stability

Stable under normal conditions

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10.3 Possibility of hazardous reactions

Hazardous reactions None under normal processing
Hazardous polymerisation Hazardous polymerisation does not occur

10.4 Conditions to avoid

Strong oxidising agents, Extremes of temperature and direct sunlight

10.5 Incompatible Materials

Alkali metals, Strong oxidising agents, Peroxides

10.6 Hazardous decomposition products

Undefined, but may include toxic oxides of carbon and nitrogen

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects Information on hazard classes as defined in Regulation (EC) No 2020/878

Acute toxicity

Product Information

Irritation May cause skin and eye irritation
Oral LD50 Not determined
Dermal LD50 Not determined

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Glycerin	12600 mg/kg (Rat)	10 g/kg (Rabbit)	570 mg/m ³ (Rat) 1 h
Carbon black	15400 mg/kg (Rat)	3 g/kg (Rabbit)	
2-Pyrrolidone	6500 mg/kg (Rat)	2000 mg/kg (Rabbit)	80 ppm (Rat) 8 h
Triethylene glycol, monobutyl ether	5300 mg/kg (Rat)	2000 mg/kg (Rabbit)	
1,2-Benzisothiazolin-3-one	1020 mg/kg (Rat)		

Chronic toxicity

Carcinogenicity See "Other Information" in this section.

Chemical name	IARC
Carbon black	2B

Other information

The IARC (International Agency for Research on Cancer) has listed carbon black as "possibly carcinogenic to humans". The classification is based on studies evaluating pure, "free" carbon black. In the process of making this product, the small amount of carbon black is dispersed in a liquid and is not expressed as "free" carbon black. Therefore, this classification does not apply to this product.

Other toxic effects

Sensitisation Contains a chemical that can cause an allergic reaction in susceptible people
Mutagenic effects None known

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Reproductive toxicity No known effects under normal use conditions**Target organ effects** No information available**Aspiration Hazard** No information available**11.2 Information on other hazards****Endocrine disrupting properties** This product does not contain any known or suspected endocrine disruptors**SECTION 12. ECOLOGICAL INFORMATION****12.1 Toxicity**

On available data, the mixture / preparation is not harmful to aquatic life

Acute Aquatic Toxicity On available data, substance is not harmful to aquatic life.**Chronic Aquatic Toxicity** On available data, substance is not harmful to aquatic life.**12.2 Persistence and degradability**

No product level data available

12.3 Bioaccumulative potential

Bioaccumulation is unlikely

12.4 Mobility in soil

Soluble in water

12.5 Results of PBT and vPvB assessment

Not a PBT according to REACH Annex XIII This substance is not considered to be persistent, bioaccumulating nor toxic (PBT)

12.6 Endocrine disrupting properties

This product does not contain any known or suspected endocrine disruptors

12.7 Other adverse effects

No information available

SECTION 13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods Disposal considerations**

Avoid runoff to waterways and sewers

Dispose of in accordance with local regulations

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or

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disposal.

Waste codes / waste designations according to EWC 08 03 13

SECTION 14. TRANSPORT INFORMATION

14.1 UN/ID No

Not regulated

14.2 Proper shipping name

Not regulated

14.3 Transport hazard class(es)

Not classified

14.4 Packing Group

Not applicable

14.5 Environmental hazards

Presents little or no hazard to the environment

14.6 Special precautions for users

No special precautions are needed in handling this material

14.7 Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15. REGULATORY INFORMATION

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

The product is classified and labelled in accordance with Regulation (EC) No. 1272/2008

15.2 Chemical Safety Assessment

A chemical safety assessment according to regulation (EC) No. 1907/2006 is not required

SECTION 16. OTHER INFORMATION

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Revision Note Modified Trade name, Updated Emergency Telephone number, (M)SDS sections updated,

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Full text of H-Statements referred to under sections 2 and 3

- H302 - Harmful if swallowed
- H315 - Causes skin irritation
- H317 - May cause an allergic skin reaction
- H318 - Causes serious eye damage
- H319 - Causes serious eye irritation
- H330 - Fatal if inhaled
- H360 - May damage fertility or the unborn child
- H400 - Very toxic to aquatic life
- H410 - Very toxic to aquatic life with long lasting effects
- H412 - Harmful to aquatic life with long lasting effects

Additional advice

EU Country Specific Exposure Limits

Chemical name	United Kingdom	Ireland	France	Germany DFG	Netherlands
Glycerin	STEL 30 mg/m ³ TWA 10 mg/m ³		TWA 10 mg/m ³	AGW 200 mg/m ³	
Carbon black	STEL 7 mg/m ³ TWA 3.5 mg/m ³	TWA 3 mg/m ³ STEL 15 mg/m ³	TWA 3.5 mg/m ³		

Chemical name	Belgium	Switzerland	Austria	Hungary	Czech Republic
Glycerin	TWA 10 mg/m ³	SS-C** TWA 50 mg/m ³ STEL 100 mg/m ³			TWA 10 mg/m ³ Ceiling 15 mg/m ³
Carbon black	TWA 3 mg/m ³				TWA 2.0 mg/m ³

Chemical name	Spain	Portugal	Italy MDLPS	Greece	Romania
Glycerin	TWA 10 mg/m ³	TWA 10 mg/m ³		TWA 10 mg/m ³	
Carbon black	TWA 3.5 mg/m ³	TWA 3.5 mg/m ³ C(A4)		TWA 3.5 mg/m ³ STEL 7 mg/m ³	

Chemical name	Poland	Denmark	Sweden	Finland	Norway
Glycerin	TWA 10 mg/m ³			TWA 20 mg/m ³	
Carbon black	TWA 4 mg/m ³	TWA 3.5 mg/m ³	TLV 3 mg/m ³	TWA 3.5 mg/m ³ STEL 7 mg/m ³	TWA 3.5 mg/m ³ STEL 7 mg/m ³

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) as amended.

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End of Safety Data Sheet