Tokyo Aqua Sign Ink

TOKYOAQUA

1 liter of waterbased sign ink.

Available in 5 super bright colours.

UV-stable, fadeless and waterproof.

Easy to work with and odourless.

Model	Art. no.	Ink colour	Packet size and weight		Pallet size and pcs.	
606	**4321**	Black, 1 liter	20 x 38 x 27 cm	1 kg	80 x 120 x 180 cm	400 pcs.
606	**4322**	Red, 1 liter	20 x 38 x 27 cm	1 kg	80 x 120 x 180 cm	400 pcs.
606	**4323**	Blue, 1 liter	20 x 38 x 27 cm	1 kg	80 x 120 x 180 cm	400 pcs.
606	**4324**	Green, 1 liter	20 x 38 x 27 cm	1 kg	80 x 120 x 180 cm	400 pcs.
606	**4325**	Yellow, 1 liter	20 x 38 x 27 cm	1 kg	80 x 120 x 180 cm	400 pcs.

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) NO. 1907/2006 / REVISION DATE 05.10.2023 / VERSION 2.2. ENG

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

1.1 Product identifiers / Product name: Tokyo Aqua Ink (waterbased)

1.2 Relevant identified uses of the substance or mixture and uses advised against. Identified uses: Writing ink - paints for arts - hobby & craft - artists supply and hobby preparations - coatings & paints, thinners, paint removers

1.3 Details of the supplier of the safety data sheet
Danish Sign Export A/S - Solbakken 22 - DK-6500 Vojens
Phone: +45 7454 3210 - Mail: dse@dse.as - Web: www.dse.as

1.4 Emergency telephone number: Phone: +45 7454 3210

2: Hazards identification

2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008: This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

2.2 Label elements / Labelling according Regulation (EC) No 1272/2008
Signal word - Pictogram - Hazard statements - Precautionary statements - Supplemental Hazard Statements
Contains biocidal product: EUH208: Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

2.3 Other hazards: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

3: Composition/information on ingredients

3.2 Mixtures: Characterization: Mixture of pigments, synthetic resins in water

Hazardous components (Regulation (EC) No 1272/2008)			
Index no. 613-088-00-6 EC no. 220-120-9 CAS no.: 2634-33-5	1,2-benzisothiazol-3(2H)-one	Acute Tox. 4 H302 / Skin Irrit. 2 H315 / Eye Dam. 1 H318 / Skin Sens. 1 H317 / Aquatic Acute 1 H400 / Aquatic Chronic 2 H411 M-Factor (Aquatic Acute 1): 1 Specific concentration limits (Skin Sens. 1): ≥ 0,05 %	<0,05%

For the full text of the H-Statements - see Section 16.

4: First aid measures

4.1 Description of first aid measures / General advice: In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.
Show this safety data sheet to the doctor in attendance.
- if inhaled: Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.
- in case of skin contact: Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.
- after eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.
- after ingestion: If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm.

4.2 **Most important symptoms and effects, both acute and delayed:** In all cases of doubt, or when symptoms persist, seek medical advice.

4.3 Indication of any immediate medical attention and special treatment needed: No data available

5: Firefighting measures

5.1 Extinguishing media / Suitable extinguishing media:
Carbon dioxide (CO2), Foam, Dry powder, Water.
Unsuitable extinguishing media: Do NOT use water jet.

5.2 Special hazards arising from the substance or mixture: Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.
Hazardous combustion products: The following may develop in the event of fire: Carbon monoxide (CO), carbon dioxide (CO_2)

5.3 Advice for firefighters / Special protective equipment for fire-fighters: Wear self-contained breathing apparatus for firefighting if necessary.
Further information: Do not allow water used to extinguish fire to enter drains, ground, or waterways. Treat runoff as hazardous. The product did not result in an additional fire load when in stock.

Continued on page 2

6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures: See protective measures under point 7 and 8.

6.2 Environmental precautions: Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

6.3 Methods and materials for containment and cleaning up: Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see chapter 13). Clean using cleansing agents. Do not use solvents.

6.4 Reference to other sections: For disposal see section 13. Observe protective provisions (see chapter 7 and 8).

7: Handling and storage

7.1 Precautions for safe handling: Avoid contact with skin, eyes and clothes. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to chapter 8.
Follow the legal protection and safety regulations.

7.2 Conditions for safe storage, including any incompatibilities / Requirements for storage rooms and vessels: Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO).
Keep container tightly closed.
Further information on storage conditions: Store in a well-ventilated and dry room at temperatures between 10 °C and 30 °C. Close opened containers carefully and store upright to prevent any leakage.

7.3 Specific end use(s): Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8: Exposure controls/personal protection

8.1 Control parameters / Components with workplace control parameters: No data available.
Derived No Effect Level (DNEL): No data available.
Predicted No Effect Concentration (PNEC): No data available.

8.2 Exposure controls: Provide good ventilation. This can be achieved with local or room suction.
Occupational exposure controls /
Respiratory protection: Not applicable.
Hand protection: For prolonged or repeated handling the following glove material must be used: NBR (Nitrile rubber). Thickness of the glove material 0,4 mm Breakthrough time (maximum wearing time) 30 min. Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles DIN EN 374. Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.
Eye protection: Wear closely fitting protective glasses in case of splashes.
Protective clothing: Wear suitable protective clothing and gloves.
Protective measures: After contact clean skin thoroughly with water and soap or use appropriate cleanser.
Environmental exposure controls: Do not allow to enter into surface water or drains. See chapter 7. No additional measures necessary.

9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
Form: liquid
Colour: see label
Odour: characteristic
Odour Threshold: No data available.
pH (100g/l) at 20°C: No data available.
Melting point/freezing point: No data available.
Initial boiling point and boiling range: ~ 100 °C.
Flash point (DIN 51755): No data available.
Flammability (solid, gas): No data available.
Decomposition / Auto-ignition / Ignition temperature: No data.
Explosive properties: Not classified as explosive.
Upper/lower flammability or explosive limits: No data available.
Vapour pressure at 50 °C: No data available.
Oxidizing properties: No data available.
Relative density at 20 °C: ca. 1,1 g/cm³.
Vapour density: No data available.
Evaporation rate: No data available.
Water solubility: Completely miscible
Partition coefficient - noctanol/water (log KOW): No data available
Dynamic / Kinematic viscosity at 20 °C: No data available.

9.2 Other safety information: No data available.

10: Stability and reactivity

10.1 Reactivity: No data available

10.2 Chemical stability: Stable when applying the recommended regulations for storage and handling.
Further information on correct storage: refer to chapter 7.

10.3 Possibility of hazardous reactions: No data available.

10.4 Conditions to avoid: Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7. Hazardous decomposition byproducts may form with exposure to high temperatures.

10.5 Incompatible materials: No data available.

10.6 Hazardous decomposition products: Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

11: Toxicological information

11.1 Information on toxicological effects

Substance	Toxicological information
CAS.-Nr.: 2634-33-5 1,2-Benzisothiazol-3(2H)-one	LD50 Oral (Rat): 490 mg/kg LD50 Dermal (Rat): > 2.000 mg/kg

Acute toxicity: No data available
Skin corrosion/irritation: No data available
Serious eye damage/eye irritation: No data available
Sensitisation: May produce an allergic reaction.
Specific target organ toxicity - single exposure: No data available
Specific target organ toxicity - repeated exposure: No data available
Aspiration hazard: No data available
Carcinogenicity: No data available
Reproductive toxicity: No data available

Practical experience/human evidence
Other observations: Splashing may cause eye irritation and reversible damage.
Germ cell mutagenicity: No data available
Overall Assessment on CMR properties: The ingredients in this preparation do not meet the criteria for classification as CMR category 1 or 2 according to 67/548/EEC. There is no information available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and has not been classified.

12: Ecological information

12.1 Toxicity

CAS no. 2634-33-5 / 1,2-Benzisothiazol-3(2H)-one	
EC50/48h	2,48 mg/l (Daphnia magna)
LC50/96h	2,18 mg/l (Oncorhynchus mykiss)
EC50/72h	0,11 mg/l (Pseudokirchneriella subcapitata)
NOEC/72d	0,027 mg/l (Selenastrum capricornutum)
M-Factor (Aquatic Acute 1)	1

12.2 Persistence and degradability: No data available

12.3 Bioaccumulative potential: No data available

12.4 Mobility in soil: No data available
General information:
Water Hazard Class (Germany): WGK 1: schwach wassergefährdend (Selbsteinstufung).

12.5 Results of PBT and vPvB assessment: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects: The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment.

13: Disposal considerations

13.1 Waste treatment methods
Appropriate disposal / Product recommendation:
Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.
Contaminated packaging: Dispose of as unused product.
List of proposed waste codes/waste designations in accordance with EWC: 080112 waste paint and varnish other than those mentioned in 080111

14: Transport information

This mixture is not classified as dangerous according to international transport regulations (ADR/RID, IMDG, ICAO/IATA).
No dangerous good in sense of this transport regulation.

14.1 UN number

ADR, IMDG, IATA	-

14.2 Proper shipping name

ADR	-
IMDG	-
IATA	-

14.3 Class

ARD	-
Class	-
Gefahrenzettel	-
IMDG, IATA	
Class	-
Label	-

14.4 Packing group

ADR, IMDG, IATA	-

14.5 Environmentally hazardous

Marine pollutant:	No

14.6 Special precautions for user

Number to identify the danger (Kemler number):	-
EmS:	-

14.7 Transport in bulk acc. to Annex II of MARPOL 73/78 & IBC Code

Tunnel restriction code	-

15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline):
VOC-value (in g/L) ISO 11890-2: 11,5
Substances of very high concern (SVHC): This product does not contain substances of very high concern according to regulation (EC) No 1907/2006 (REACH), Article 57 above the respective regulatory concentration limit of ≥ 0.1 % (w/w).
Water contaminating class (Germany):
Water hazard class (WGK): 1 (slightly hazardous to water)
Occupational restrictions: Observe employment restrictions in accordance with the Maternity Protection Directive (92/85 / EEC) for expectant or nursing mothers.
Take note of Dir 94/33/EC on the protection of young people at work.

15.2 Chemical safety assessment: For this product a chemical safety assessment was not carried out.

16: Other information

Full text of H-Statements referred to under sections 2 and 3:
H226 Flammable liquid and vapour
H302 Harmful if swallowed.
H317 May cause an allergic skin reaction.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
H301 Toxic if swallowed.
H311 Toxic in contact with skin.
H311 Toxic if inhaled.
H314 Causes severe skin burns and eye damage.
H410 Very toxic to aquatic life with long lasting effects.

Abbreviations and acronyms

ADR	Accord européen relatif au transport international des marchandises dangereuses par route
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No. 1272/2008 on the classification, labeling and packaging of substances and mixtures
CMR	Carcinogenic, Mutagenic or toxicic for Reproduction
DMEL	Derived Minimal Effect Level
DNEL	Derived No-Effect Level
EC50	Effective Concentration 50 %
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency Schedule
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals"
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
Index	The index number is the identification code given in Annex VI Part 3 of Regulation (EC) no. 1272/2008
KZW	Short term value
LC50	Lethal Concentration 50 %
LD50	Lethal Dose 50 %
PNEC	Predicted No-Effect Concentration
VOC	Volatile Organic Compounds
vPvB	very Persistent and very Bioaccumulative

For abbreviations and acronyms, see:
ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (table of terms and abbreviations).

Further information
The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1.
It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations.
The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.

Tokyo Aqua Schildertinte

TOKYOAQUA

1 Liter wasserbasierte Schildertinte.

Lieferbar in 5 superklaren Farben.

UV-Stabil, Lichtecht, wasserfest.

Problem- und geruchlos.

Modell	Art.Nr.	Tinte Farbe	Paket Größe und Gewicht		Palletten größe und Menge	
606	**4321**	1 Liter Schwarz	20 x 38 x 27 cm	1 Kg	80 x 120 x 180 cm	400 Stück
606	**4322**	1 Liter Rot	20 x 38 x 27 cm	1 Kg	80 x 120 x 180 cm	400 Stück
606	**4323**	1 Liter Blau	20 x 38 x 27 cm	1 Kg	80 x 120 x 180 cm	400 Stück
606	**4324**	1 Liter Grün	20 x 38 x 27 cm	1 Kg	80 x 120 x 180 cm	400 Stück
606	**4325**	1 Liter Gelb	20 x 38 x 27 cm	1 Kg	80 x 120 x 180 cm	400 Stück

SICHERHEITSDATENBLATT

GEMÄSS 1907/2006/EG, ARTIKEL 31 - 05.02.2019

1: Bezeichnung des Stoffs bzw. des Gemischs und des Unternehmens

1.1 Produktidentifikator / Handelsname: Tokyo Aqua Tinte (wasserbasis)

1.2 Relevante identifizierte Verwendungen des Stoffs oder Gemischs und Verwendungen, von denen abgeraten wirdVerwendung des Stoffes / des Gemisches: Plakatschreiber

1.3 Einzelheiten zum Lieferanten der das Sicherheitsdatenblatt bereitstellt
Danish Sign Export A/S - Solbakken 22 - DK-6500 Vojens
Telefon: +45 7454 3210 - E-Mail: dse@dse.as - Web: www.dse.as

1.4 Notrufnummer/Auskunftgebender Bereich: Tel.: +45 7454 3210

2: Mögliche Gefahren

Dieses Produkt wird nach der EU-Richtlinie 1999/45/EC als nicht gefährlich eingestuft.

3: Zusammensetzung/Angaben zu Bestandteilen

Tinte auf Wasserbasis. Dieses Produkt enthält keine Substanzen, die nach der EU-Richtlinie 67/548/EC als gefährliche Substanz eingestuft werden und somit eine Gefahr für die Gesundheit darstellen.

4: Erste-Hilfe-Maßnahmen

Allgemein: Suchen Sie im Zweifelsfall, oder wenn die Symptome andauern, medizinische Hilfe auf. Verabreichen Sie Bewusstlosen niemals etwas in den Mund.

Einatmen: Nicht möglich.

Hautkontakt: Sofort mit Wasser und Seife abwaschen.

Augenkontakt: Nur mit Wasser auswaschen. Ziehen Sie einen Augenarzt hinzu.

Verschlucken: Im Falle von versehentlichem Verschlucken, waschen Sie den Mund sofort mit Wasser aus und konsultieren Sie einen Arzt.

5: Maßnahmen zur Brandbekämpfung

Flammpunkt: > 400 °C.

Siedepunkt: 400 °C.

Geeignete Löschmittel: Wasser, CO2, Löschpulver, Schaum, Pulver.

6: Maßnahmen bei unbeabsichtigter Freisetzung

Das Sammeln und die Lagerung sollten in einem festen Abfallgefäß erfolgen. Das Material ist nach Leckagen nicht gefährlich.
Umweltschutzmaßnahmen:
Wenn Filzstifte kaputt sind, mit Wasser und trockenen Sand waschen.

7: Handhabung und Lagerung

Empfehlenswert: Die Lagerung der Produkte sollte bei Temperaturen 8 °C bis 38 °C geschehen.

8: Begrenzung und Überwachung der Exposition Persönliche Schutzausrüstungen

Atemschutz: Entfällt

Hand/Augen/Haut- und Körperschutz: Entfällt, wenn richtig benutzt.

9: Physikalische und chemische Eigenschaften

Physikalische Beschaffenheit: Fest, gibt bei der Nutzung flüssige Tinte frei

Farbe: Unterschiedlich

Geruch: Keiner

pH-Wert: Entfällt

Siedepunkt: Entfällt

Schmelzpunkt: Entfällt

Flammpunkt: Entfällt

(Fortsetzung auf Seite 2)

Tokyo Aqua Schildertinte

(Fortsetzung von Seite 1)

10: Stabilität und Reaktivität

Stabilität: Bei Raumtemperatur und unter normalen Nutzungsbedingungen stabil.

Gefahrenreaktion: Keine

Gefährliche Zersetzungspunkte:
Wenn das Produkt brennt, wird CO^2 freigesetzt.

11: Toxikologische Angaben

Reizung der Haut: Entfällt

Reizung der Augen: Entfällt

Akute Toxiziät: Entfällt

Name des inhaltsstoffes

ACGIH (American Conference of Governmental Industrial Hygienists - Amerikanische Gesellschaft staatlicher Industriehygieniker)

TLV (Threshold limit value - Arbeitsplatzgrenzwert)

OSHA (Occupational Safety and Health Administration - Amerikanische Bundesbehörde zur Durchsetzung des Bundesarbeitssicherheitsgesetzes von 1970)

PEL (Permissible Exposure Limit - Zulässige Expositionsgrenze)

Andere Begrenzungen: Keine Inhaltsstoffe aufgelistet.

Andere Expositionsgrenzen für die mögliche Zersetzung der Produkte: Nicht bekannt

12: Umweltbezogene Angaben

Produkt in vorliegender Form:
Vermeiden Sie jegliche Freisetzungen des Produktes an die Umwelt. Dieses Produkt und sein chemischer Inhalt gelten laut der EU-Richtlinien 1999/45/EC und 1907/2006/EC als nicht gefährlich für die Umwelt.

13: Hinweise zur Entsorgung

Nicht in Abläufe oder Wasserläufe entsorgen. Die Entsorgung sollte nach den geltenden örtlichen Richtlinien geschehen.

14: Angaben zum Transport

Dieses Produkt wird nach den internationalen Transportrichtlinien als nicht gefährlich eingestuft (ADR/RID, IMDG, ICAO/IATA).

15: Rechtsvorschriften

Das Produkt wird nach der EU-Richtlinie 1999/45/EC als nicht gefährlich eingestuft.

Gefahrensymbole: Keine

Risikosätze: keine

Sicherheitssätze: Keine

16: Sonstige Angaben

Risikosätze in Abschnitt 2 und 3:
Keine

Weitergehende Angaben:
Dieses Sicherheitsdatenblatt wurde nach der EU-Richtlinie 1907/2006/EC (Anhang II) erstellt, und zwar durch dieInformationen der Lieferanten des Rohmaterials für das Produkt, aktualisiert auf Ausgabennummer 29 der EU-Richtlinie 67/548/CE.

Datenblatt ausstellender Bereich:
Danish Sign Export A/S - Solbakken 22 - DK-6500 Vojens
Telefon: +45 7454 3210 - E-Mail: dse@dse.as - Web: www.dse.as

Hinweise:
Dieses Produkt darf nur unter ordnungsgemässer Verwendung genutzt werden. Die Informationen aus diesem Sicherheitsdatenblatt sind, am Datum der Ausstellung, korrekt und Wahrheitsgetreu. Dennoch kann für die Richtigkeit und für alle Informationen, Empfehlungen und Vorschläge keine Garantie übernommen werden. Da sich dit Nutzungsbedingungen der Kontrolle des Unternehmens entziehen, liegt es in der Verantwortung des Nutzers dit Bedingungen für die sichere Nutzung des Produktes festzulegen.