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Date of issue: Jul/13/2022

Safety Data Sheet

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

Product identifier:

Product name:

Metallic Gel Ballpen Inks (Metallic Gold, Silver, Copper, Sky Blue, Pink, Green, Violet)

Product code (SDS NO): KGX2007R

Product class:

Product class: These products are Gel Ink ballpens (Article).

The SDS describes ingredients of the inks (Mixture) and their hazard.

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

Relevant identified uses of the product: Gel Ink Ballpens

Details of the supplier of the safety data sheet

Supplier: **Yasutomo**Address: **3740 Skypark Drive, Torrance, CA 90505**Telephone number: **(310) 791-1995**Fax number: **(310) 791-1025**E-mail address: **csr@yasutomo.com**

2. Hazards identification

GHS classification and label elements of the product

Classification of the substance or mixture

Classification according to Hazard Communication Standard – 2012 (29 CFR 1910.1200)

ENVIRONMENT HAZARDS

Hazardous to the aquatic environment (Long-term): Category 3

Label elements

Labelling according to Hazard Communication Standard – 2012 (29 CFR 1910.1200)

No GHS label element

No Signal word

HAZARD STATEMENT

H412 Harmful to aquatic life with long lasting effects

PRECAUTIONARY STATEMENT

Prevention

P273 Avoid release to the environment.

Disposal

P501 Dispose of contents/container in accordance with local/national regulation.

3. Composition/information on ingredients

Mixture/Substance selection:

Mixture

Ingredient name	CAS No.	Content (%)
Propyleneglycol monomethyl ether	107-98-2	1 – 5
Zinc	7440-66-6	1 – 5
1,2-Benzisothiazolin-3-one	2634-33-5	< 0.03
Sodium hydroxide	1310-73-2	< 0.015

Note : The figures shown above are not the specifications of the product.

The components not described in this component table are not listed in Table 3 of Annex VI in EU CLP.



4. First-aid measures

Descriptions of first-aid measures

IF ON SKIN (or hair)

Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention.

IF IN EYES

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

If eye irritation persists: Get medical advice/attention.

IF SWALLOWED

Rinse mouth.

Call a POISON CENTER/doctor/physician if you feel unwell.

Most important symptoms and effects, both acute and delayed

Specific information on symptom and effect are unknown.

Indication of any immediate medical attention and special treatment needed

Information on indication of any immediate medical attention and special treatment needed is not available.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media

Use appropriate extinguishing media suitable for surrounding facilities.

Unsuitable extinguishing media

Unsuitable extinguishing media data is not available.

Specific hazards arising from the substance or mixture

Specific hazards arising from the substance or mixture is not available.

Advice for firefighters

Specific fire-fighting measures

Evacuate non-essential personnel to safe area.

Special protective equipment and precautions for fire-fighters

Firefighters should wear self-contained breathing apparatus with full face piece operated positive pressure mode.

6. Accidental release measures

The products are Gel Ink ballpens, and are not expected to present a spill or release hazard.

7. Handling and storage

Precautions for safe handling

Preventive measures

(Safety treatments)

Avoid contact with eyes.

Safety measures data is not available.

Any incompatibilities data is not available.

Advice on general occupational hygiene

Do not get in eyes, on skin, or on clothing.

Do not eat, drink or smoke when using this product.

Wash hands thoroughly after handling.

Storage

Conditions for safe storage

Keep cool. Protect from sunlight.



Container and packaging materials for safe handling data is not available.

8. Exposure controls/personal protection

Control parameters

Adopted value

(Propyleneglycol monomethyl ether)

ACGIH(2013) TWA: 50ppm;

STEL: 100ppm (Eye & URT irr)

(Sodium hydroxide)

ACGIH(1992) STEL: C 2mg/m³ (URT, eye & skin irr)

OSHA-PEL

(Sodium hydroxide)

TWA: 2mg/m³

NIOSH-REL

(Sodium hydroxide)

STEL: C 2mg/m³

Exposure controls

Appropriate engineering controls

Washing facilities should be available.

Individual protection measures

No protective equipment required.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state: Liquid

Color: Each color

Odor data is not available.

Odor threshold data is not available.

Melting point/Freezing point data is not available.

Boiling point or initial boiling point data is not available.

Boiling range data is not available.

Flammability (gases, liquids and solids): Non-flammable

Lower and upper explosion limit/flammability limit data is not available.

Flash point: Non-flammable

Auto-ignition temperature data is not available.

Decomposition temperature data is not available.

pH data is not available.

Kinematic viscosity data is not available.

Solubility:

Solubility in water: Soluble

Solubility in solvent data is not available.

n-Octanol/water partition coefficient data is not available.

Vapor pressure data is not available.

Density and/or relative density data is not available.

Relative vapor density (Air=1) data is not available.

Particle characteristics: Not applicable

Evaporation rate data is not available.

10. Stability and Reactivity

Reactivity

Reactivity data is not available.



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Chemical stability

Stable under normal storage/handling conditions.

Possibility of hazardous reactions

Possibility of hazardous reactions data is not available.

Conditions to avoid

Conditions to avoid data is not available.

Incompatible materials

Incompatible materials data is not available.

Hazardous decomposition products

Hazardous decomposition products data is not available.

11. Toxicological Information**Information on toxicological effects**

Acute toxicity data is not available.

Irritant properties

Skin corrosion/irritation data is not available.

Serious eye damage/irritation data is not available.

Allergenic and sensitizing effects data is not available.

Mutagenic effects data is not available.

Carcinogenicity

[ACGIH]

(Propyleneglycol monomethyl ether)

A4(2013) : Not Classifiable as a Human Carcinogen

Reproductive toxicity data is not available.

STOT

STOT-single exposure data is not available.

STOT-repeated exposure data is not available.

Aspiration hazard data is not available.

12. Ecological Information**Ecotoxicity****Aquatic toxicity**

Harmful to aquatic life with long lasting effects

Water solubility

(Propyleneglycol monomethyl ether)

very good (ICSC, 1997)

(Zinc)

reaction (ICSC, 1994)

(Sodium hydroxide)

109 g/100 ml (20°C) (ICSC, 2010)

Persistence and degradability

(1,2-Benzisothiazolin-3-one)

BOD_Degradation : 0% (METI existing chemical safety inspections 2003)

Bioaccumulative potential

Bioaccumulative potential data is not available.

Mobility in soil

Mobility in soil data is not available.

Other adverse effects

Ozone depleting chemical data is not available.



13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging

Waste treatment methods

Avoid release to the environment.

Dispose of contents/container in accordance with local/national regulation.

14. Transport Information**UN No., UN CLASS**

UN No. or ID No.: Not applicable

UN Proper Shipping Name : Not applicable

Class or division (Transport hazard class) : Not applicable

Packing group : Not applicable

Not applicable to IMDG Code

Not applicable to IATA Dangerous Goods Regulations

Environmental hazards

MARPOL Annex III – Prevention of pollution by harmful substances

Marine pollutants (yes/no) : no

Special precautions for user

Special precautions for user is not applicable.

Maritime transport in bulk according to IMO instruments

This product is not intended to be carried in bulk.

15. Regulatory Information

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

U.S. Toxic Substances Control Act (TSCA) Inventory

Chemicals listed in TSCA Inventory

Propyleneglycol monomethyl ether; Sodium hydroxide; 1,2-Benzisothiazolin-3-one; Zinc

Superfund Amendments and Reauthorizations Act (SARA), Title III

SARA 313 (TRI)

Zinc

California proposition 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Other regulatory information

We are not able to check up the regulatory information with regard to the substances in your country or region, therefore, we request this matter would be filled by your responsibility.

16. Other information**GHS classification and labelling**

Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects

Reference Book

Globally Harmonized System of classification and labelling of chemicals, UN

Recommendations on the TRANSPORT OF DANGEROUS GOODS 21th edit., 2019 UN

IMDG Code, 2018 Edition (Incorporating Amendment 39-18)

IATA Dangerous Goods Regulations (62nd Edition) 2021

2020 EMERGENCY RESPONSE GUIDEBOOK (US DOT)

2022 TLVs and BEIs. (ACGIH)

Supplier's data/information

Hazard Communication Standard – 2012 (29 CFR 1910.1200)



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GESTIS-Stoffdatenbank
Pub Chem (OPEN CHEMISTRY DATABASE)

General Disclaimer

The GHS classification data given here is based on current EU official data (Consolidated version of the CLP Regulation published in 1.3.2022 and Commission delegated regulation (EU) 2021/849 (ATP17)) & US Hazard Communication Standard – 2012.

This data sheet was created based on the information we currently have and may be revised according to new information. In addition, the precautions apply only to normal handling, and in the case of special handling, please make adequate countermeasure to maintain your safety.