

| Section 1 : Identificatio       | n   |                             |                              |  |
|---------------------------------|---|-----------------------------|------------------------------|--|
| Product identifier              |   |                             |                              |  |
| PRODUCT NAME                    | COMCOLOR GL INK CARTRIDGE (E) BLACK / BLACK / R BLACK                             |                             |                              |  |
| ITEM CODE:                      | S-8446E / S-8446UA / S-8446RS / S-8446UAR   |                             |                              |  |
|                                 |   |                             |                              |  |
| Recommended use of the che      |   |                             |                              |  |
| RELEVANT IDENTIFIED USES:       | INK for InkJet Printer (COM   | COLOR GL Series)            |                              |  |
| Company identification          |   |                             |                              |  |
| MANUFACTURER:                   |   |                             |                              |  |
|                                 |   | u, Tokyo, 108-8385, JAPAN   |                              |  |
|                                 | tel: 81 (3) 5441-6611   |                             |                              |  |
| SUPPLIER:                       |   |                             |                              |  |
|                                 |   |                             |                              |  |
|                                 |   |                             |                              |  |
| Section 2 : Hazards ide         | entification  |                             |                              |  |
| GHS Classification :            | Not classified  |                             |                              |  |
| GHS Label elements              |   |                             |                              |  |
| HAZARD PICTOGRAMS:              | Not required  |                             |                              |  |
| SIGNAL WORD:                    | Not required.   |                             |                              |  |
| HAZARD STATEMENTS:              | Not required  |                             |                              |  |
| PRECAUTIONARY STATEMENTS:       | Not required  |                             |                              |  |
| Section 3 : Compositio          | n/information on ingredier  | nts                         |                              |  |
| Mixtures:                       |   |                             |                              |  |
| Mixtures.                       | Chemical name   | CAS No.                     | wt%                          |  |
|                                 | Petroleum solvent   | 64742-46-7                  | 25-35                        |  |
|                                 | Carbon black  | 1333-86-4                   | 0-10                         |  |
|                                 | Fatty acid ester  | Trade secret                | Trade secret                 |  |
|                                 | Higher alcohol  | Trade secret                | Trade secret                 |  |
|                                 |   |                             |                              |  |
|                                 |   |                             |                              |  |
| Section 4 : First-aid me        | asures  |                             |                              |  |
| Description of first aid measur | es  |                             |                              |  |
| INHALATION:                     | If you feel unwell, move fro  | m the contamination imme    | diately to fresh air and see |  |
|                                 | medical advice.   |                             |                              |  |
| EYE CONTACT:                    | In case of contact with eyes  | rinse immediately with pler | nty of water and seek medica |  |
|                                 | advice.   |                             |                              |  |
| SKIN CONTACT:                   | After contact with skin, wash immediately with plenty of water using a mild soap. |                             |                              |  |
| INGESTION:                      | If swallowed, do not induce v   | omiting and seek medical a  | advice.                      |  |
| Most important symptoms/effe    | cts, acute and delayed:<br>No further relevant information a                      | available                   |                              |  |
| Indication of any immediate me  | edical attention and special treatm   |                             |                              |  |
| incloation of any inineviate in | No further relevant information a   |                             |                              |  |
|                                 |   |                             |                              |  |



| Section 5 : Fire-fighting   | g measures  |                                  |                        |  |  |  |
|---|---|----------------------------------|------------------------|--|--|--|
| Extinguishing media:  | Potassium carbonate mist,   | CO <sub>2</sub> , foam, dry che  | mical powder, dry sa   | and  |  |  |
| Special hazards arising from the  | sial hazards arising from the substance or mixture:                                 |                                  |                        |  |  |  |
|   | Fire could cause thick and black smoke.   |                                  |                        |  |  |  |
|   | Toxic products, CO and C  | O <sub>2</sub> , could be formed | by thermal decompo     | osition.   |  |  |
| Advice for fire-fighters:   | This ink does not act as a source of ignition, but might burn if exposed to a fire. |                                  |                        |  |  |  |
| Section 6 : Accidental release measures   |   |                                  |                        |  |  |  |
| Personal precautions, protecti  | ve equipment and emergenc   | y procedures:                    |                        |  |  |  |
|   | Ventilate the area until material is completely picked up.                          |                                  |                        |  |  |  |
| Environmental precautions:  |   | Do not empty into the drains.    |                        |  |  |  |
| Methods and material for cont   | - ·   |                                  |                        |  |  |  |
|   | Shovel up, then wipe up w   | ith cloth or paper.              |                        |  |  |  |
| Section 7 : Handling a  | and storage   |                                  |                        |  |  |  |
| Precautions for safe handling:  |   |                                  |                        |  |  |  |
|   | Use only in the well-ventila  | ted areas.                       |                        |  |  |  |
|   | Avoid contact with skin.Us  | e only with cartridge            |                        |  |  |  |
| Conditions for safe storage, including any incompatibilities:<br>Store at 5 - 35 ºC and protect from sunlight |   |                                  |                        |  |  |  |
|   | Keep the ink out of reach of children.  |                                  |                        |  |  |  |
|   | Only original cartridge.  |                                  |                        |  |  |  |
| Section 8 : Exposure c  | ontrols/personal prote  | ection                           |                        |  |  |  |
| Control parameters:<br>OCCUPATIONAL EXPOSURE GUI  | DELINES:  |                                  |                        |  |  |  |
|   |   | CAS No.                          | OSHA PEL               | ACGIH TLV  |  |  |
|   | Petroleum solvent   | 64742-46-7                       | 5 mg/m <sup>3</sup> *1 | 5 mg/m <sup>3</sup> *1                             |  |  |
|   | Carbon black  | 1333-86-4                        | 3.5 mg/m <sup>3</sup>  | <u>3 mg/m<sup>3</sup></u><br>S No.8012-95-1) mists |  |  |
| Annuanista anninaruina anntu  | -1  | 1:                               | as mineral oil (CAS    | 5 NO.80 12-95-1) mists                             |  |  |
| Appropriate engineering control   |   |                                  |                        |  |  |  |
|   | Good general ventilation s  |                                  | or most conditions.    |  |  |  |
| Individual protection measures  |   | ent:                             |                        |  |  |  |
| RESPIRATORY PROTECTION :  | Not normally required   |                                  |                        |  |  |  |
| HAND PROTECTION:  | Recommend the use of  | f gloves in case of co           | ontact with skin.      |  |  |  |
| EYE PROTECTION:   | Not normally required   |                                  |                        |  |  |  |
| SKIN AND BODY PROTECTION :  | Not normally required   |                                  |                        |  |  |  |
| Section 9: Physical an  |   | 3                                |                        |  |  |  |
| Physical state:   | Black liquid  |                                  |                        |  |  |  |
| Odor:   | Slight characteristic odor  |                                  |                        |  |  |  |
| pH:   | Not applicable  |                                  |                        |  |  |  |
| Melting point/freezing point:   | < 0 °C  |                                  |                        |  |  |  |
| Boiling point:  | > 200 °C  | ,                                |                        |  |  |  |
| Flash point:  | · · ·   | > 120 °C (Cleveland Open-cup)    |                        |  |  |  |
| Evaporation rate:   |   | No data available                |                        |  |  |  |
| Flammability (solid, gas):  | Not applicable  |                                  |                        |  |  |  |
| Upper/lower flammability:   | No data available   |                                  |                        |  |  |  |
| Vapor pressure:   | No data available   |                                  |                        |  |  |  |
| Vapor density:  | No data available   |                                  |                        |  |  |  |
| Density:  | 0.84-0.92 g/cm <sup>3</sup> (23 °C)   | 2                                |                        |  |  |  |
| Solubility:   | WATER SOLUBILITY: Insoluble   | 5                                |                        |  |  |  |



# SAFETY DATA SHEET

|  | SAFELY DATA SHEEL   | SDS No.:GLOI001G-00        |
|--|---|----------------------------|
| Partition coefficient:                                 | No data available   |                            |
| Auto-ignition temperature:                             | > 200 °C  |                            |
| Decomposition temperature:                             | No data available   |                            |
| Viscosity:   | No data available   |                            |
| Section 10 : Stability a                               | nd reactivity   |                            |
| Reactivity:  | No data available   |                            |
| Chemical stability:                                    | Stable under normal storage and handling conditions.            |                            |
| Possibility of hazardous reacti                        | ons:  |                            |
|  | No data available   |                            |
| Conditions to avoid:                                   | Avoid direct sunlight, high temperatures, open flame.           |                            |
| Incompatible materials:<br>Hazardous decomposition pro | Halogens, strong acid, alkalis, oxidizing agents ducts:         |                            |
|  | Thermal decomposition Products: CO, CO <sub>2</sub> .           |                            |
|  | No decomposition if used for the intended uses.                 |                            |
| Section 11 : Toxicologi                                | cal information   |                            |
| Information on toxicological ef                        | fects   |                            |
| ACUTE ORAL TOXICITY                                    | LD50 > 2000mg/kg (rat) *  |                            |
| ACUTE SKIN IRRITATION:                                 | May cause slight irritation.*                                   |                            |
| ACUTE EYE IRRITATION:                                  | May cause slight irritation.*                                   |                            |
| MUTAGENICITY:  | Negative in the Ames test                                       |                            |
| CARCINOGENICITY:                                       | Carbon black is listed as Class 2B (Possible human carcino      | ogen) by IARC. However,    |
|  | IARC Monograph 93 also indicates "exposure to carbon bla        | ck does not occur during   |
|  | the use of products in which carbon black is bound to other r   | naterials, such as rubber, |
|  | printing ink or paint."   |                            |
|  | None of the other ingredients in this product are listed by IAF | RC, NTP, MAK, OSHA or      |
|  | ACGIH as a carcinogen. None of the other ingredients            | have been classified as    |
|  | carcinogens according to EU, IARC, MAK, NTP or OSHA.            |                            |
| *These information are based                           | I on toxicity data for similar materials and ingredients.       |                            |
| Section 12 : Ecological                                | information   |                            |
| Ecotoxicity:   | Not classified*   |                            |
| Persistence and degradability                          |   |                            |
|  | No information available.                                       |                            |
| Bioaccumulative potential:                             | No information available.                                       |                            |
| Mobility in soil:                                      | No information available.                                       |                            |
| Other adverse effects:                                 | No information available  |                            |

Other adverse effects: No information available.

\*This information is based on toxicity data for similar materials and ingredients.

### Section 13 : Disposal considerations

Waste treatment methods: Burn in an adequate incinerator or bury in landfill in accordance with all applicable regulations. Any disposal practice must be in compliance with local, state and federal laws and regulations.

## Section 14 : Transport information

UN number: Not regulated

UN proper shipping name: Not regulated



## SAFETY DATA SHEET

 Transport hazard class(es):
 Not regulated (DOT, IMDG, IATA)

 Packing group:
 Not regulated

 Environmental hazards:
 Not regulated

 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

 Not regulated

 Section 15 : Regulatory information

 Japanese Existing and New Chemical Substances (ENCS)

 All chemical substances in these products are listed on the ENCS list, have been registered, or are exempt.

 Toxic Substances in these products are listed on the TSCA chemical substance inventory, have been registered, or are exempt.

 All chemical substances in these products are listed on the TSCA chemical substance inventory, have been registered, or are exempt.

Australian Inventory of Chemical Substances List (AICS)

All chemical substances in these products are listed on the AICS list, have been registered, or are exempt.

#### Section 16 : Other information

| Issue date:          | 2021/09/24  |
|----------------------|-------------|
| Revision date:       | 2021/09/24  |
| SDS No.(Version No): | GLOI001G-00 |

The information herein is given in good faith, but no warranty, express or implies, is made. Please consult RISO KAGAKU CORPORATION. for further information.