



SAFETY DATA SHEET

May be used to comply with U.S. Department of Labor
 OSHA's Hazard Communication Standard, Occupational Safety and Health Administration
 29 CFR 1910. 1200. (Non-Mandatory Form)
 Standard must be consulted for specific requirements. OMB No.1218-0072

§ 1 - IDENTITY INFORMATION

Product Name (as used on label and list) MAXON Comic Ink

| | | |
|--------|-----------------|--------------------|
| CI-101 | MAXON Comic Ink | White |
| CI-102 | MAXON Comic Ink | Black |
| CI-103 | MAXON Comic Ink | Sepia |
| CI-105 | MAXON Comic Ink | Black (Waterproof) |
| CI-106 | MAXON Comic Ink | White (Waterproof) |
| CI-107 | MAXON Comic Ink | Grey |

Manufacturer : HOLBEIN Works, Ltd.
 Address : 2-2-5, Ueshio, Chuo-ku, Osaka-shi, OSAKA 542-0064 JAPAN
 Telephone Number for information : 81-6-6191-7722
 Emergency Telephone Number : 81-72-985-1221
 Date Prepared : 2015-8-24
 Preparer : ALAKI, Yutaka

§ 2 - HAZARD IDENTIFICATION

This products are water-based and not classified as dangerous for supply or conveyance.
 The ingredients are water-reducible and falls well within the acceptable safety limits.

GHS label elements : Void
 Classification : Non-regulated
 Danger : Nonflammable, not explosive, not in explosive in special case
 Hazard information : Especially none
 Acute toxicity : Category 5/Low
 Skin Irritation : Category 3
 Eye Effects : Category 3

Respiratory Sensitization, Sensitization, Germ Cell Mutagenicity,
 Carcinogenicity, Reproductive Toxicity, Ecological consideration : Especially none

§ 3 - COMPOSITION / INGREDIENTS

| Components | | CI-101 White | CI-102 Black | CI-103 Sepia | CI-105 Black (WP) | CI-106 White (WP) | CI-107 Grey |
|--------------|------------------------------|-----------------|-----------------|-----------------|-------------------------|-------------------------|----------------|
| Colorant * | Pigment | | | | | | |
| Binder * | Gum Arabic | ○ | — | — | — | — | — |
| | Dextrin | ○ | — | — | — | — | — |
| | Acrylic-Metacrylic Copolymer | — | — | ○ | ○ | ○ | ○ |
| | Polyvinyl Alcohol | — | ○ | — | — | — | — |
| Moisturizer | D-sorbitol | — | ○ | — | — | — | — |
| | Glycerin | ○ | — | — | — | — | — |
| | Propylene Glycol | — | — | ○ | ○ | ○ | ○ |
| Fragrance | Camphor | — | ○ | — | — | — | — |
| Preservative | Benzisothiazol | ○ | ○ | — | — | ○ | ○ |
| | TBZ | ○ | — | — | — | ○ | — |
| Water * | | ○ | ○ | ○ | ○ | ○ | ○ |

| | |
|------------------------------------|--------------------|
| Acrylic-Metacrylic Copolymer | CAS No. 25852-37-3 |
| Benzisothiazol | CAS No.2634-33-5 |
| Camphor | CAS No.464-49-3 |
| Dextrin | CAS No.9004-53-9 |
| D-sorbitol | CAS No.50-70-4 |
| Glycerin | CAS No.56-81-5 |
| Gum Arabic | CAS No.9000-01-5 |
| Polyvinyl Alcohol | CAS No.9002-89-5 |
| Propylene Glycol | CAS No.57-55-6 |
| TBZ (2-(4-thiazoly)-benzimidazole) | CAS No.148-79-8 |

*: main ingredient

§ 4 - FIRST AID MEASURES

| | |
|----------------|---|
| Eyes : | In case of eye contact, rinse with plenty of water and if necessary consult an eye specialist. |
| Ingestion : | In case of swallowing, drink plenty of water. Induce vomiting. If you feel unwell, seek medical advice. |
| Skin Contact : | Wash with mild soap and plenty of water. |
| Inhalation : | This product is not inhaled. |

§ 5 - FIRE AND EXPLOSION HAZARD DATA

| | |
|-----------------------|------------------------------------|
| Flammability : | Not flammable, water-based product |
| Flash Point : | N/A |
| Auto-ignition Point : | N/A |

§ 6 - ACCIDENTAL RELEASE MEASURES

Step to Be Taken in Case Material Is Released or Spilled : Take up with absorbent materials.

§ 7 - HANDLING AND STORAGE

Precautions to Be Taken in Handling and Storing : Avoid prolonged or repeated contact with skin and eyes.

§ 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

| | |
|------------------------|--|
| Especially none | |
| Engineering Controls : | Use mechanical ventilation to control aerosol or mist if product is sprayed. |
| Personal Protection : | Avoid inhaling aerosols. |

§ 9 - PHYSICAL / CHEMICAL CHARACTERISTICS

| | | | |
|---|--|-----------------|--------------|
| Appearance : | Black, white, dark brown or grey opaque slurry | | |
| Specific Gravity (H ₂ O = 1) : | 1.08 (Black) | 1.10 (Black/WP) | 1.10 (Grey) |
| | 1.80 (White) | 1.60 (White/WP) | 1.09 (Sepia) |
| Melting Point : | N/A | | |
| Boiling Point : | Approx. 100 ° C(212F degrees) | | |
| pH : | 6.5~7.5 | | |
| Viscosity : | 11mPa.s (Black) | | |
| Solubility in Water : | ∞ | | |

§ 10 - HAZARD INFORMATION AND STABILITY

| | |
|--------------------|---|
| Physical Dangers : | Especially none |
| Stability : | Stable under normal state |
| Reactivity : | None |
| Byproducts : | Carbon dioxide, oxides of metals and water in case of fire. |

Incompatibility (Materials to Avoid) : None
 Hazardous Decomposition or Byproducts : No thermal decomposition when stored and handled correctly.

§ 11 - TOXICOLOGICAL INFORMATION

Primary Routes of Entry : Swallowing
 Oral Toxicity (LD50) : Above 250g/kg* (White), 560g/kg* (White/WP),
 670g/kg* (Grey, Black).
 Inapplicable to the others.
 *: Converted value based on preservative

Skin irritation : May cause irritation or burning or inflammation of eyes and skin.
 Eye irritation : None, but hurtable

Carcinogenicity : No data available.
 Sensitization, Mutagenicity, Teratogenicity, Reproductive Toxicity : No data available

Other Information : See Appendix.

§ 12 - ECOLOGICAL INFORMATION

No suitable information and no specific data is available for this product.

§ 13 - DISPOSAL CONSIDERATIONS

Disposal Considerations : Small amount of Ink may be disposed pouring in a bag filled with rags or paper. After dried, treat as flammable waste.

§ 14 - TRANSPORT INFORMATION

UN Proper Shipping Name : Nonflammable Liquid
 UN-number : N/A
 Hazard Class : Non-regulated)

§ 15 - REGULATORY INFORMATION

Regulatory agencies and restrictions are minimal regarding conveyance or use of water-based products other than what has been specifically addressed.

Conforms to ACMI, Art & Creative Materials Institute, under ASTM D 4236.

Industrial Safety and Health Law : N/A
 Fire Service Law : N/A
 Pollutant Release and Transfer Register : N/A

§ 16 - OTHER INFORMATION

Notice: The information of this sheet is based on the present state of our knowledge and does not therefore guarantee certain properties.

APPENDIX

Comic Inks are classified as AP product in the ACMI system.

AP Approved Product : Contain no materials in sufficient quantities to be toxic or injurious to humans.
 CL Cautionary Label : Any known health risks and with information on the safe and proper use of these materials