

(conforms to 1907/2006/EC)

Commercial product name: Solid Marker

Product No: XSC

Date: Mar., 13, 1995

Date of revision: Jun.,20, 2015

Producer/supplier: Sakura Color Products Corp.

1 Identification of the substance / preparation and of the company / undertaking

1.1 Identification of the substance or preparation:

Trade name: Solid Marker

Article number: XSC

Color : Black, White, Red, Blue, Green, Yellow, Orange, Purple(8 Colors)

1.2 Use of the substance/preparation:

Solvent based solid marker

1.3 Company/undertaking identification:

Sakura Color Products Corp.

1-6-20, Morinomiya Chuo, Chuo-ku, Osaka, 540-8508 Japan

Tel: 81-(0)6-6910-8824 Fax: 81-(0)6-6910-8834

1.4 Emergency Telephone (Sakura Color Products Corp.[Japan])

Tel: 81-(0)6-6910-8824 Fax: 81-(0)6-6910-8834

2 Hazards identification for Ink

GHS Classification of the Substance or Mixture

Physical Hazards

Explosives: Not applicable

Flammable gases: Not applicable

Flammable aerosols: Not applicable

Oxidizing gases: Not applicable

Gases under pressure: Not applicable

Flammable liquids: Not applicable

Flammable solids: Not classified

Self-reactive substances and mixtures: Not applicable

Pyrophoric liquids: Not applicable

Pyrophoric solids: Not classified

Self-heating substances and mixtures: Not applicable

Substances and mixtures, which in contact with water, emit flammable gases: Not applicable

Oxidizing liquids: Not applicable

Oxidizing solids: Not classified

Organic peroxides: Not applicable

Corrosive to metals: Not applicable

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2 Hazards identification for Ink

Health Hazards

Acute toxicity (oral): Category 4

Acute toxicity (skin): Classification not possible

Acute toxicity (inhalation: gas): Not applicable

Acute toxicity (inhalation: vapour): Classification not possible

Acute toxicity (inhalation: dust, mist): Classification not possible

Skin corrosion / irritation: Category 2

Serious eye damages / eye irritation: Category 2

Respiratory sensitization: Classification not possible

Skin sensitization: Classification not possible

Germ cell mutagenicity: Classification not possible

Carcinogenicity: Classification not possible

Reproductive toxicity: Classification not possible

Specific target organ toxicity

(single exposure): Classification not possible

Specific target organ toxicity

(repeated exposure): Classification not possible

Aspiration hazard: Classification not possible

Environmental Hazards

Aquatic toxicity (acute): Classification not possible

Aquatic toxicity (chronic): Classification not possible

GHS LABEL ELEMENTS INCLUDING PRECAUTIONARY STATEMENTS



SIGNAL WORD : WARNING

Hazard Statement:

H302: Harmful if swallowed.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

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3 Composition / information on ingredients for Ink

·Description: substance mixture

·Dangerous components:

EINECS No	CAS No.	Designation	%
203-905-0	111-76-2	2-Butoxyethanol	25-28
225-878-4	5131-66-8	3-Butoxypropan-2-ol	10-24

Mixture of the substances listed above with harmful additions.

4 First-aid measures

- IF SWALLOWED: Call a POISON CENTER or doctor/physician. Rinse mouth.
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- IF ON SKIN: Wash with plenty of soap and water.
- IF SKIN IRRITATION OCCURES: 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 ON CLOTHING: Take off contaminated clothing and wash before reuse.

5 Fire-fighting measures

- Suitable extinguishing media: In case of fire, use water spray, foam or dry chemical powder.
- For safety reasons unsuitable extinguishing media: None
- Protective equipment: No special measures required

6 Accidental release measure

- Person-related safety precautions: Removal of ignition source
Provision of sufficient ventilation/ respiratory protection
- Measures for environmental protection: No relevant information found.
- Measures for cleaning/collecting: Sweep up, place in a bag and hold for waste disposal.

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7 Handling and storage

7.1 Handling

- Information for safe handling: Keep ventilate while using.
- Information about protection against explosions and fires: Keep ignition sources away.

7.2 Storage:

- Requirements to be met by storerooms and containers:

Materials to Avoid - High temperature, Fire, Direct rays of the sun, and A Powerful oxidizing agent

7.3 Specific use(s)

-

8 Exposure controls and personal protection

8.1 Exposure limit values:

CAS No.	Designation of material	%	OSHA PEL	ACGIH TLV
111-76-2	2-Butoxyethanol	25-28	TWA 50ppm	TWA 25ppm
5131-66-8	3-Butoxypropan-2-ol	10-24	-	-

8.2 Exposure controls:

- General protective and hygienic measures: Unnecessary in normal use
- Breathing equipment: Unnecessary in normal use
- Protection of hands: Unnecessary in normal use
- Eye protection: Unnecessary in normal use
- Skin protection: Unnecessary in normal use

9 Physical and chemical properties for Ink

9.1 General information

appearance:

form: Solid

color: Same as 1.1(8 colors)

odor: Ether odor

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9 Physical and chemical properties for Ink

9.2 Important health, safety and environmental information

pH: Not applicable

Boiling point / boiling range: ca. 180°C

Flash point: No data

Flammability (solid, gas): Flammable

Explosive properties: None

Oxidising properties: None

Vapour pressure: No data

Solubility:

water solubility: Insoluble

fat solubility (solvent – oil to be specified): Soluble (except pigments)

Partition coefficient: n-octanol /water: No data

Viscosity: No data

Vapour density: No data

relative density: 1 < g/cm³ (at 25°C)

Evaporation rate: No data

9.3 Other information

Melting point: ca. 140°C

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10 Stability and reactivity

10.1 Conditions to avoided

High temperature, Direct sunlight, Fire

10.2 Materials to avoided

Strong acid and base

10.3 Hazardous decomposition products

No dangerous decomposition products known

11 Toxicological information for Ink

- Acute toxicity: Harmful if swallowed.
- Chronic toxicity: None
- Primary irritant effect:
 - On the skin: Causes skin irritation.
 - On the eye: Causes serious eye irritation.
- Sensitization: No sensitizing effect known

12 Ecological information

No relevant information found.

13 Disposal considerations

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

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14 Transport information

GGVsea/IMDG-Code: Not applicable

Page-No.of IMDG-Code: Not applicable

UN-No.: Not applicable

ICAO/IATA-Code: Not applicable

Packing instructions for air flight: Not applicable

GGVE/GGVS(Germany): Not applicable

RID/ADR(EC): Not applicable

Packing group: Not applicable

EmS-No.(Emergency schedule): Not applicable

MFAG-table no: Not applicable

Marking/label: Not applicable

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15 Regulatory information for Ink

15.1 Classification, and labeling requirements for hazardous substances and mixtures to EC-Regulation.: (EC) No 1272/2008

·SIGNAL WORD: WARNING

·Hazard Statement:

H302: Harmful if swallowed.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

·Precautionary Statement:

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P501: Dispose of contents/container in accordance with local/regional/national/

international regulation.

P264: Wash hands thoroughly after handling.

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

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

P337+P313: If eye irritation persists: Get medical advice/attention.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P332+P313: IF SKIN IRRITATION OCCURES: Get medical advice/attention.

P362: IF ON CLOTHING: Take off contaminated clothing and wash before reuse.

P301+P312+P330: IF SWALLOWED: Call a POISON CENTER or doctor/physician.

Rinse mouth.

P270: Do not eat, drink or smoke when using this product.

·Product contains: 2-Butoxyethanol

3-Butoxypropan-2-ol

15.2 Further information: No relevant information found.

National regulations: No relevant information found.

Marine pollution class: No relevant information found.

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16 Other information

< 2-Butoxyethanol >

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

< 3-Butoxypropan-2-ol >

H315: Causes skin irritation.

H319: Causes serious eye irritation.

* This SDS was changed on the basis of Commission Regulation (EU) No.453/2010.

This information herein is given in good faith, but no warranty, expressed or implied is made.