

SAFETY DATA SHEET

Prepared date: Sep. 16, 2014

Revised date: Mar. 25, 2015

1. PRODUCT & COMPANY IDENTIFICATION

Product name : Fudenosuke Brush Pens
Product code : 82038, 82039, 82040 (WS-BH/WS-BS/WS-TBS)
Company name : TOMBOW PENCIL CO., LTD.
Address : 6-10-12, Toshima Kita-Ku Tokyo 114-8583, Japan
Department : Environment Group
Phone : +81-3-3912-1308
FAX : +81-3-3914-0040
Use of the product :

2. HAZARDS IDENTIFICATION

GHS Classification: No specific information. Classification not possible.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Common name : Marking pen (Brush-pen)

<u>Parts</u>	<u>Ingredients</u>
Body · Cap	PP
Pen Tip	PETP/POM
Ink	water/carbon black, dye/resin/glycerin/glycol/others

4. FIRST-AID MEASURES

Inhalation : Remove victim to fresh air.
Skin contact : Wash with water with soap.
Eye contact : Rinse cautiously with water. Get medical advice/attention.
Ingestion : Rinse mouth. Get medical advice/attention.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: dry chemical powder, CO2, foam, sands, water spray
Specific hazards arising from the chemical : No information
Protection for fire-fighters : No information

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid contact with skin and eyes. Ensure adequate ventilation.
Protective equipment and emergency procedures: Gloves and goggles
Environmental precautions: Avoid discharge into water courses or onto the ground.
Methods and materials for containment and cleaning up: Wipe off with waste cloths.

7. HANDLING AND STORAGE

Precautions for safe handling: Ensure adequate ventilation.

Conditions for safe storage:

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters Occupational exposure limit:

- Carbon black ACGIH TLV-TWA 3.5mg/m³
- Glycerin(mist) ACGIH TLV-TWA 10mg/m³

Appropriate engineering controls : Usually, it's unnecessary.

Individual protection measures : Usually, it's unnecessary.

9. PHYSICAL AND CHEMICAL PROPERTIES (INFORMATION ABOUT INK)

Appearance

Physical state	: Liquid
Color	: Black/Gray
Odour	: Little
pH	: 8-10
Melting point	: No data
Relative density	: 1.0-1.2
Solubility(ies)	: Can be diluted with water.

10. STABILITY AND REACTIVITY

Reactivity : Stable usually.

Possibility of hazardous reactions : No information

Conditions to avoid : No information

Incompatible materials : No information

Hazardous decomposition products : No information

11. TOXICOLOGICAL INFORMATION (ABOUT INGREDIENTS)

Acute toxicity:

Carbon black: LD50 (rat oral) 15400 mg/kg

Glycerin: LD50 (rat oral) 12600 mg/kg

Skin corrosion/Irritation : No information

Serious eye damage/eye irritation : No information

Respiratory or skin sensitization : No information

Germ cell mutagenicity : No information

Carcinogenicity : Carbon black IARC 2B

Reproductive toxicity : No information

STOT-single exposure : No information

STOT-repeated exposure : No information

Aspiration hazard : No information

12. ECOLOGICAL INFORMATION

No information

13. DISPOSAL CONSIDERATIONS

Observe the law/regulation of your country.

14. TRANSPORT INFORMATION

UN number: NA

15. REGULATORY INFORMATION

Observe the law and/or regulation of your country about this material.

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
