

SAFETY DATA SHEET

DATE: 17-Jul-2009
REVISION: 06-Oct-2016

1. PRODUCT INFORMATION

Product Name: ZIG Calligraphy II
Product Number: #TC-3100
Recommend Application: Marker (as ink)

Company Information: Company Name: KURETAKE CO., LTD.
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2. HAZARDS IDENTIFICATION

GHS Classification

Physical hazardous nature	Flammable liquid	N/A
Dangerous for health	Acute toxicity	No data
	Acute toxicity (Oral)	No data
	Acute toxicity (Endermatic)	No data
	Acute toxicity (Inhale : Gas)	No data
	Acute toxicity (Inhale : Dust, Mist)	No data
	Skin corrosion / irritative	No data
	Serious irritate the eyes	No data
	Sensitizing property of apparatus	No data
	respiratorius and skin	
	Skin sensitizing property	No data
	Generate cell mutagenicity	No data
	Carcinogen	No data
	Reproductive effect	No data
Specially Target Organ	Single exposure	No data
/ Systematic Toxicity	Repetition exposure	No data
	Attractant respiratory harmful effect	No data
Hazardous Property for	Acute hazardous aquatic environment	No data
Environment	Inveteracy hazardous aquatic environment	No data
Factor Label	None	
Hazardous Information	No data	
Instruction		
【First Aid】	Skin: Wash by water with soap.	
	Eyes: Immediately flush with water enough, see a doctor.	
	Ingestion: Do not induce vomiting. See a doctor.	
【Storage】	Under usually storage condition, it is stable.	
【Disposal】	Waste disposal should be in accordance with the existing environmental regulation.	
Country / Community Information		

3. COMPOSITION AND INGREDIENT INFORMATION

Single, Mixture: Mixture
Ingredient and content: None

4. FIRST AID

For Skin: Wash by water with soap.
For Eyes: Immediately flush with water enough, see a doctor.
For Ingestion: Do not induce vomiting. See a doctor.
Expected acute symptom and late symptom: None expected.
Most important sign and symptom: None expected.
Protect the person received first aid: None required.
Special notandum for doctor: None required.

5. FIRE-FIGHTING MEASURE

Extinguishing Media: N/A
 Great Conflagration: Water spray, mist water, CO2
 Forbidden Extinguishing Media: None
 Special Dangerous and Harmful Effect: N/A
 Protect the Person Extinguish a Fire: None

6. ACCIDENTAL RELEASE MEASURES

Notandum for Human Body, Protective Equipment and Emergency Measure:
 None required
 Notandum for Environment:
 None required
 Collect, Neutralization:
 None required
 Containment or Depurate and Equipment:
 None required
 Precaution of Second Disaster:
 None required

7. HANDLING AND STORAGE

Handling
 Precautions to be taken in handling None required
 Storage
 Precautions to be taken in storage None required

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Install the eyewashing devices and safety shower where handle or stock this product.
 Protection Equipment
 For hands: None required
 For eyes: None required
 Other protective clothing or equipment None required

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form	Condition (20°C)	Liquid
	Odor	Odorless
	Boiling point	Approx. 100°C
	Vapor pressure	No data
	Density (20°C)	1.05 - 1.07 (reference value)
	pH (against water base)	4.0 - 11.0
	Other	No data
Hazardous Information	Flash point	N/A
	Ignition point	N/A
	Explosion limit	N/A
Other Hazardous Information		No data

10. STABILITY AND REACTIVITY

Stability: Under usually storage condition, it is stable.
 Hazardous Reactivity: Nothing
 Avoid Condition: Nothing
 Avoid Touching: Nothing
 Hazardous Decomposition Product: Nothing

11. TOXICOLOGICAL INFORMATION

Harmful ingredient and exposure limit. Nothing
 Other harmful information relecant to composition: Nothing
 Harmful information for product: No data

12. ECOLOGICAL INFORMATION

Acute Hazardous Aquatic Environment No data
 Inveteracy Hazardous Aquatic Environment No data

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Waste disposal should be in accordance with the existing environmental regulation.

14. TRANSPORT INFORMATION

Common: Please follow the section 7. Check if there are no leakage from container and take cargo without falling, dropping and damage.

Land Transportation: In case of fall under the Fire Law, Industrial Safety and Health Law, Poisonous Material Control Law follow each relevant mode of transportation.

Marine Transportation: Please follow the Law for Safety of Vessel.

Air Transportation: Please follow the Aviation Law and regulation of ICAO.

15. REGULATORY INFORMATION

Industrial Safety and Health Law: Notice object goods (Article 57, section 2, Enforcement regulation 18-21, appendix 9.)

Fire Law: N/A

Law for Safety of Vessel: N/A

Aviation Law: N/A

16. OTHER INFORMATION

Main Cited Literature

Solvent pocket book

Raw material manufacturer SDS

Regarding to the description content:

The description content of this data sheet is based on the documentation, information and data that we can garner at the present moment so that it might be change depend on new information. And it is recommend for usual handling so that in case of special handling, use it before take safety measure that suitable for your application and usage.

The description content is information device and not certification.