

**SAFETY DATA SHEET**DATE: 09-Jun-2021  
REVISION: -**1. PRODUCT INFORMATION**

Product Name: KURETAKE SAIBOKU SHIMBI, KURETAKE SAIBOKU SHIMBI 14 INK STICK set  
 Product Number: AK8, AK8/14V  
 Recommend Application: Drawing  
 Company Information: Company Name: KURETAKE CO., LTD.  
 Address: 576 Minamikyobate-cho, 7-chome, Nara-shi, 630-8670  
 Division: Laboratory  
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**2. HAZARDS IDENTIFICATION**

GHS Classification

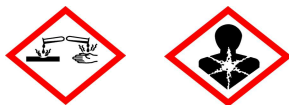
Physical hazards No data

Health hazards

Acute toxicity (Oral)	Not Classification
Acute toxicity (Endermic)	Not Classification
Acute toxicity (Inhale : Gas)	Not Classification
Acute toxicity (Inhale : Vapour)	Not Classification
Acute toxicity (Inhale : Dust)	Not Classification
Skin corrosion / irritative	Category 2
Serious irritate the eyes	Category 1
Respiratory or skin sensitization	Not Classification
Generate cell mutagenicity	Not Classification
Carcinogen	Category 2
Reproductive effect	Not Classification
Specially Target Organ	Category 3 (Respiratory irritation)
/ Systematic Toxicity	Out of Division
	Aspiration hazard
	Not Classification
Environmental hazards	Acute aquatic hazard
	Chronic aquatic hazard
	Hazardous to the ozone layer
	Not Classification
	Out of Division

Label element

Pictogram



Signal words

Danger

## Hazardous Information

Causes skin irritation  
 Causes serious eye damage  
 Suspected of causing cancer  
 May cause respiratory irritation

## Instruction

## 【Measure for Safety】

Wear protective gloves.  
 Wash thoroughly after handling.  
 Wear eye/face protection.  
 Obtain special instructions before use.  
 Do not handle until all safety precautions have been read and understood.  
 Use personal protective equipment as required.  
 Use only outdoors or in well-ventilated area.  
 Avoid breathing dust/fume/gas/mist/vapours/spray.

## 【First Aid】

IF ON SKIN: Wash with plenty of soap and water.  
 Take off contaminated clothing and wash before re-use.  
 If skin irritation occurs, seek medical advice/attention.  
 IF IN EYES: Rinse cautiously with water for several minutes.  
 Remove contact lenses, if present and easy to do. Continue rinsing.  
 Immediately call a POISON CENTER or doctor/physician.  
 IF exposed or concerned: Get medical attention/advice.  
 Call a POISON CENTER or doctor/physician if you feel unwell.  
 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

## 【Storage】

Store locked up.

## 【Disposal】

For disposal of the content and container, entrust to the special waste disposer authorized by the governor of prefectural and city governments.

## Country / Community Information

No data

**3. COMPOSITION AND INGREDIENT INFORMATION**

Single, Mixture: Mixture

Ingredient and content

Ingredient name	CAS No.	Concentration wt%
Iron oxide	1309-37-1	≤50.0
Titanium dioxide	13463-67-7	≤50.0
Carbon black	1333-86-4	≤50.0
Yellow Organic pigment	-	≤50.0
Red Organic pigment	-	≤50.0
Blue Organic pigment	-	≤50.0
Gelatins	9000-70-8	≤50.0
	Amount	100

**4. FIRST AID**

## FOR SKIN:

Wash with plenty of soap and water.  
If skin irritation occurs, seek medical advice / attention.

## FOR EYES:

Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER or doctor / physician.

## FOR INHALE:

Remove to fresh air and keep at rest in a position comfortable for breathing.

## FOR SWALLOW:

Call a doctor, if you feel unwell. Rinse the mouth out.

## IF exposed or concerned:

Get medical attention / advice.

Take of contaminated clothing and wash before re-use.

Get medical attention / advice if you feel unwell.

Most important sign and symptom:	No data
Protect the person received first aid:	N/A
Special notandum for doctor:	No data

**5. FIRE-FIGHTING MEASURE**

Extinguishing Media: Small fire / Carbon dioxide, dry chemical extinguishing media, water spray, alcoholic resistance

Great Conflagration: Water spray, mist water, CO2

Forbidden Extinguishing Media: N/A

Special Dangerous and Harmful Effect: N/A

Protect the Person Extinguish a Fire:

For fighting fire, wear compressed air open-circuit SBCA and protect equipment for chemical. Fight a fire from up wind.

**6. ACCIDENTAL RELEASE MEASURES**

N/A

**7. HANDLING AND STORAGE**

Handling Do the equipment measure described on the section 8 and wear protector.

Local exhaust ventilation, whole ventilation:

Do the local exhaust ventilation and whole ventilation described on section 8.

Safe handling notandum:

Do not touch, inhale and swallow it.  
Clean hands well after use this product.  
Use this product outside or well ventilated area only.

Storage The inventory location must be fire-proof construction and the floor must be impermeable to prevent permeate the basement and spill to outside.

Dangerous goods if mixed:

Refer to the section 10.

Precautions to be taken in storage:

Lock up the container.  
Keep away from oxidant.

Container material:

Use the container regulated by UN transportation law.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

In normal use, it does not require special treatment.

## Protection Equipment

For apparatus respiratorius:	N/A
For hands:	Wear the gloves designated by manufacturer.
For eyes:	Wear the eye protector designated by manufacturer.
For skin and Body:	Wear protect boots and protect clothes designated by manufacturer.
Hygiene Measure:	Clean hands well after use this product.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical Properties	Condition (20°C)	Solid
	Odor	No data
	Boiling point	No data
	Vapor pressure	No data
	Density (20°C)	No data
	pH (against water base)	No data
	Other	No data
	Hazardous Information	Flash point
Ignition point		No data
Explosion limit		No data
Other Hazardous Information		No data

**10. STABILITY AND REACTIVITY**

Stability:	Under usually storage condition, it is stable.
Hazardous Reactivity:	N/A
Avoid Condition:	Drying and wetting of the extreme
Avoid Touching:	N/A
Hazardous Decomposition Product:	Generate toxic fumes or gas such as CO, CO <sub>2</sub> , aldehydes or NO <sub>x</sub> by heating or combustion.

**11. TOXICOLOGICAL INFORMATION**

Harmful ingredient and exposure limit.

Name	ACGIH (TWA)	IARC	OTHER
Iron oxide	5mg/m <sup>3</sup> <sup>1)</sup>	3 <sup>1)</sup>	No data <sup>1)</sup>
Titanium dioxide	10mg/m <sup>3</sup> <sup>1)</sup>	2B <sup>1)</sup>	LD50(oral, rat) >20000mg/kg <sup>1)</sup>
Carbon black	3.5 mg/m <sup>3</sup> <sup>1)</sup>	2B <sup>1)</sup>	LD50(oral, rat) 15400 mg/kg <sup>1)</sup>

Other harmful information relevant to composition:	No data
Harmful information for product:	No data

**12. ECOLOGICAL INFORMATION**

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

### 13. DISPOSAL CONSIDERATIONS

- Residue Waste: For dispose, follow the related regulation and standard of local governments. Ask the licensed industrial waste disposal company or local governments.
- For Burning: Spray the incinerator with waste liquid directly or mix with flammable solvent in small quantity to burn. Activated sludge process.
- Polluted container and package: Clean the container and recycle or treat it in accordance with the related regulation or local governments. If dispose the container, remove the content completely.

### 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.
- Transportation: Any transportation practice must be in compliance with local, state or federal laws and regulations. (Contact local or environmental agency for specific rules.)
- Marine / Air Transportation: Please follow the regulation of IMO and ICAO.
- UN No. N/A
- Packing group N/A

### 15. REGULATORY INFORMATION

Regulatory information with regard to this substance in your country or region should be examined by your own responsibility.

### 16. OTHER INFORMATION

Main cited item

- 1) Raw material manufacturer SDS
- 2) Japanese Industrial Standards (JIS) Z 7252 (2009)

*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 service and not certification.*

N/A = Not Applicable