

# Safety Data Sheet

Date of issue: 2015-6-15

Revision Date: -

## 1. Identification of the mixture and of the company

Product name : Pencil lead for following products;

|           |                          |
|-----------|--------------------------|
| Cadoodles | Standard 0.7mm           |
| Cadoodles | Daisies 0.7mm            |
| Cadoodles | Animals 0.7mm            |
| Cadoodles | Woodlands Critters 0.9mm |
| Cadoodles | Grevy's Zebra 0.9mm      |
| Cadoodles | Animals 0.9m             |

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(Japan time)

Product use : Lead for writing implement

## 2. Hazards identification

### GHS classification

#### Physical hazards

|                       |                |
|-----------------------|----------------|
| Self-heating mixtures | Not classified |
| Corrosive to metals   | Not classified |

#### Health hazards

|                                                    |                                                           |
|----------------------------------------------------|-----------------------------------------------------------|
| Acute toxicity-Oral                                | Not classified                                            |
| Acute toxicity-Dermal                              | Not classified                                            |
| Acute toxicity-Inhalation: vapour                  | Classification not possible                               |
| Acute toxicity-Inhalation: mist                    | Classification not possible                               |
| Skin corrosion / irritation                        | Not classified                                            |
| Serious eye damage / eye irritation                | Not classified                                            |
| Respiratory or skin sensitization                  | Classification not possible / 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                               |

### GHS label elements

#### Pictograms or Symbol

No pictogram

#### Signal Word

No signal word

**Hazard statement**

No hazard statement

**Precautionary Statements****Prevention**

Nothing in particular

**Response**

Nothing in particular

**Storage**

- Store in a well ventilated place. Keep cool and container tightly closed.

**Disposal**

- Dispose of contents/container to in accordance with local government regulation.

**3. Composition/information on ingredients****Mixture****Component and Amount**

| Component         | Amount | CAS No.       | Reference Number in Gazetted List in Japan<br>(Japanese Chemical Substances Control Act) |
|-------------------|--------|---------------|------------------------------------------------------------------------------------------|
| Graphite          | 45-55% | 7782-42-5     | Not subject to the regulation                                                            |
| Polyvinyl Alcohol | 10-20% | 9002-89-5     | 6-682                                                                                    |
| Additives         | 25-45% | Nondisclosure | Nondisclosure(registered)                                                                |

**4. First-aid measures****After inhalation:**

Call a doctor/physician if you feel unwell.

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

**After skin contact:**

Call a doctor/physician if you feel unwell.

If skin irritation occurs: Get medical advice/attention

**After eye contact:**

IF IN EYES: Rinse continuously with water for several minutes.

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

If eye irritation persists : Get medical advice/attention

**After ingestion:**

Call a doctor/physician if you feel unwell.

**Protection of the person who takes first aid**

Nothing in particular.

**5. Fire-fighting measures****Suitable Extinguishing media**

Carbon dioxide, dry chemical powder, water fog, foam

**Prohibition extinguishing media for safety reason**

Water spray (straight)

**Specific hazards**

This product is not combustible. But evaporated residue is combustible.

May produce toxic fumes if burning.

**Specific fire fighting procedures**

If safe to do so, move undamaged containers from the fire area.

If can't move the container , cool containers and surrounding with spray water.

Cool containers with large quantities of water until well after extinguished the fire.

**Special protective equipment for fire-fighters**

Fire-fighting should be performed from the windward side.

Respiratory protection, and other suitable protective equipment

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**6. Accidental release measures****Personal precautions**

The pollution area should be established as off limits without concerned persons.

**Protective equipment and emergency measure**

Do not touch the leakage or its damaged container without suitable protection.

Do not walk through the leakage.

Keep sufficient ventilation if the area is indoor.

Remove ignition sources.

**Environmental precautions**

Keep away from drains, and prevent from releasing to the environment.

**Methods for cleaning up**

Use non-flammable absorbent materials, and put them in airtight container.

Dispose of absorbent in accordance with law.

**Prevention of secondary disaster**

Remove nearby ignition source and hot surface.

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**7. Handling and storage****Handling****Technical measures**

Do suitable equipment measures and use suitable protection that refer to "8. Exposure control/ personal protection".

**Local exhaust ventilation and general ventilation**

Use local exhaust ventilation and general ventilation that refer to "8. Exposure control/ personal protection".

**Caution**

When handling do not use high temperature articles, spark and fire.

Handle container with care, do not make it turn over, drop, give impact and drag.

Do not breathe, contact and swallow.

Maintain air concentrations below exposure limit using exhaust ventilation.

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

Wash hand thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Avoid release to the environment.

**Avoid contact**

Refer to section 10 about stability and reactivity.

**Storage****Incompatible materials**

Refer to section 10 about stability and reactivity.

**Storage condition**

Store away from heat/sparks/open flames – No smoking

Store in a well ventilated place. Keep cool and container tightly closed.

Store locked up.

**The Containers**

Use the container that our company filled up when ship products

**8. Exposure control/ personal protection****Exposure limit values**

| Chemical name         | Permissible concentration |                                           | Administrative levels |
|-----------------------|---------------------------|-------------------------------------------|-----------------------|
|                       |                           | The Japan Society for Occupational Health | ACGIH TLV-TWA         |
| Nothing in particular |                           |                                           |                       |

**Equipment measures**

Put up local exhaust ventilation. Use explosion-proof electrical/ventilating/lighting.  
Take precautionary measures against static discharge.  
Put up emergency eyewash and shower in case of storage or handling about this product.

**Protection****Respiratory protection**

If necessary use suitable respiratory protection.

**Hand protection**

Use suitable protective gloves.

**Eye protection**

Use suitable eye protection.

**Skin/body protection**

If necessary use suitable face protection.

**Hygiene measures**

Do not eat, drink or smoke when using this product.  
Wash thoroughly after handling.

**9. Physical and chemical properties**

|                                              |                   |
|----------------------------------------------|-------------------|
| <b>Appearance</b>                            | Black Solid       |
| <b>Odour</b>                                 | Odorless          |
| <b>pH</b>                                    | No data available |
| <b>Melting point / Coagulating point</b>     | No data available |
| <b>Boiling point</b>                         | No data available |
| <b>Flash point</b>                           | No data available |
| <b>Explosive limit UEL</b>                   | No data available |
| <b>Explosive limit LEL</b>                   | No data available |
| <b>Vapour pressure</b>                       | No data available |
| <b>Vapour density</b>                        | No data available |
| <b>Specific gravity</b>                      | No data available |
| <b>Water solubility</b>                      | No data available |
| <b>Partition coefficient n-octanol/water</b> | No data available |
| <b>Ignition point</b>                        | No data available |
| <b>Decomposition point</b>                   | No data available |

**10. Stability and reactivity**

|                           |                                             |
|---------------------------|---------------------------------------------|
| <b>Chemical stability</b> | This product is stable in normal condition. |
| <b>Materials to Avoid</b> | No data available                           |

|                                  |                   |
|----------------------------------|-------------------|
| Conditions to avoid              | No data available |
| Incompatible materials           | No data available |
| Hazardous decomposition products | No data available |

## 11. Toxicological information

|                                                   |                                                           |
|---------------------------------------------------|-----------------------------------------------------------|
| Acute toxicity–Oral                               | Not classified                                            |
| Acute toxicity–Dermal                             | Not classified                                            |
| Acute toxicity–Inhalation : vapour                | Classification not possible                               |
| Acute toxicity–Inhalation : mist                  | Classification not possible                               |
| Skin corrosion / irritation                       | Not classified                                            |
| Serious eye damage / eye irritation               | Not classified                                            |
| Respiratory or skin sensitization                 | Classification not possible / Classification not possible |
| Germ cell mutagenicity                            | Classification not possible                               |
| Carcinogenicity                                   | Classification not possible                               |
| Reproductive toxicity                             | Classification not possible                               |
| Specific target organ toxicity(Singel exposure)   | Classification not possible                               |
| Specific target organ toxicity(Repeated exposure) | Classification not possible                               |
| Aspiration hazard                                 | Classification not possible                               |

## 12. Ecological information

|                                               |                      |
|-----------------------------------------------|----------------------|
| Hazardous to the aquatic environment(acute)   | Not classified       |
| Hazardous to the aquatic environment(chronic) | Not classified       |
| Degradability                                 | No data is available |
| Bioaccumulative potential                     | No data is available |
| Mobility in soil                              | No data is available |

## 13. Disposal considerations

### Waste residues

Disposal must be made according to official regulations.

Avoid release to the environment.

### Contaminated container and packaging

Do not flush into the sewer.

Remove all contents when you dispose of empty containers.

## 14. Transport information

The contents are as follows when transport only ink

### International regulation

#### IMDG(maritime transport)

|                  |                |
|------------------|----------------|
| UN No.           | Not applicable |
| Class            | –              |
| Packing Group    | –              |
| Marine Pollutant | –              |

#### ICAO/IATA(air transport)

|               |                |
|---------------|----------------|
| UN No.        | Not applicable |
| Class         | –              |
| Packing Group | –              |

**Special precautions**

Prevent from falling, stumbling and doing damage when the container loading..

Avoid acute vibration and friction for container.

If there are some indications of hazard in transporting like acute leak in transporting, take emergency measures and report the accident at once to disaster management agency.

Avoid transport with foods or feeds.

Above regulations are applied to transport of writing instruments filled with the Lead.

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**15. Regulatory information(Japan)**

Follow all regulation in your country.

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**16. Other information**

In this sheet, the contents of ingredients and the value of physical and chemical properties are not guaranteed performance.

The information contained in this sheet is based on the data available at now.

But this shall not constitute a guarantee for any specific or classification.

Please be alert to handling this product because chemicals shall have unknown hazards.

This sheet may be revised when we get new information.

The information is assumed in the case of large-scale handling on business operations.

They cannot be always applicable to general use of writing instruments.

**Reference**

Globally Harmonized System of Classification and Labelling of Chemicals (GHS) second revised edition 2007  
Recommendation of Occupational Exposure Limits(2009-2010) by The Japan Society for Occupational Health  
2009 TLVs and BEIs by ACGIH