

# SAFETY DATA SHEET

Created date : 4 August 2021

## 1 Chemical product and company identification

- Product Name MINO OIL COLOURS  
NAPLES YELLOW, NAPLES YELLOW IVORY, MONOCHROME COOL,  
MONOCHROME WARM, SILVER WHITE
- Company Name KUSAKABE CORPOLATION
- Address 3-3-8 Hizaori-cho,Asaka City Saitama Japan 351-0014
- Telephone number +81-48-466-7321
- Facsimile number +81-48-465-3058

## 2 Hazards identification

- GHS classification
  - Physical hazards Not classified
  - Health hazard
    - Carcinogenicity Category 1B
    - Reproductive toxicity Category 1A
    - Specific target organ toxicity/single exposure Category 1
    - Specific target organ toxicity/repeated exposure Category 1
  - Environmental hazard Hazardous to the aquatic environment-chronic hazard Category 4
- GHS label elements

### Pictograms



### Signal word

Danger

### Hazard statements

May causes cancer.  
May damage fertility or the unborn child.  
Causes damage to blood system, kidney and central nerve.  
Causes damage to blood system, kidney and central nerve through prolonged or repeated exposure.  
May cause long lasting harmful effects to aquatic life.

### - Precautionary statements

#### Prevention

Do not handle until all safety precautions have been read and understood.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Keep away from heat/sparks/open flames/hot surfaces – No smoking.  
Use explosion-proof electrical/ventilating/lighting/equipment.  
Ground/bond container and receiving equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Use only outdoors or in a well-ventilated area.  
Wash skin thoroughly after handling

### Response

Do not eat, drink or smoke when using this product.  
If swallowed: Immediately call a doctor.  
Do not induce vomiting.  
If in eye: immediately wash with plenty of water. Remove contact lenses. Continue washing afterwards and receive treatment for the doctor.  
If on skin: Wash with plenty of soap and water.  
Avoid release to the environment.  
If inhaled: move injured person into fresh air and keep person calm under observation.

	<p>Get medical advice/attention if you feel unwell.</p> <p>If on skin(or hair): Take off immediately all contaminated clothing.</p> <p>Rinse skin with water/shower.</p> <p>Take off contaminated clothing.</p> <p>If skin irritation or rash occurs: Get medical advice/attention.</p> <p>Do not induce vomiting.</p> <p>In case of fire: Use effective extinguishant for extinction.</p> <p>Collect spillage.</p>
Storage	<p>Protect from sunlight. Store in a well-ventilated place.</p> <p>Seal the container which opened by all means once.</p> <p>Store in a well-ventilated place.Keep container tightly closed.</p> <p>Store in a cool, well-ventilated place.</p> <p>Store locked up.</p>
Disposal	<p>Dispose contents/container to in accordance with local/regional/national/international regulation.</p>

### 3 Composition/Information on ingredients

<ul style="list-style-type: none"> <li>▪ Substance or Mixture</li> <li>▪ Hazardous ingredients</li> </ul>	<p>Mixture</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Chemical Name</th> <th style="text-align: center;">Weight %</th> <th style="text-align: center;">CAS No.</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Lead carbonate, basic</td> <td style="text-align: center;">70-85%</td> <td style="text-align: center;">1319-46-6</td> </tr> </tbody> </table>	Chemical Name	Weight %	CAS No.	Lead carbonate, basic	70-85%	1319-46-6
Chemical Name	Weight %	CAS No.					
Lead carbonate, basic	70-85%	1319-46-6					

### 4 First-aid measures

<ul style="list-style-type: none"> <li>▪ Ingestion</li> </ul>	<p>Remove person to fresh air and keep comfortable for breathing.</p> <p>Keep warm by blanket and keep at rest. Get medical attention promptly.</p> <p>If breathing stops or breathing is weak:loosen clothing and practice artificial respiration after having found the breathing respiratory tract.</p>
<ul style="list-style-type: none"> <li>▪ Skin contact</li> </ul>	<p>Remove contaminated clothing immediately and wash skin with soap and water.</p> <p>Wash contaminated clothing before reuse.</p> <p>If skin irritation or rash occurs: Get medical advice/attention.</p> <p>If feel sick:call a doctor.</p>
<ul style="list-style-type: none"> <li>▪ Eye contact</li> </ul>	<p>If in eye:immediately wash with plenty of water.Remove contact lenses.Continue washing afterwards and receive treatment for the doctor.</p> <p>If eye irritation persists: Get medical advice/attention.</p>
<ul style="list-style-type: none"> <li>▪ Ingestion</li> </ul>	<p>Do not induce vomiting.</p> <p>If mouth is polluted:rinse mouth thoroughly.</p> <p>Do not gives anything to unconscious person.</p>

### 5 Fire-fighting measures

<ul style="list-style-type: none"> <li>▪ Suitable extinguishing media</li> </ul>	<p>Loaded stream extinguisher(fog),sand,Carbon dioxide,foam extinguisher</p>
<ul style="list-style-type: none"> <li>▪ Unsuitable extinguishing media</li> </ul>	<p>Water with full jet.</p>
<ul style="list-style-type: none"> <li>▪ Special Hazards</li> </ul>	<p>In case of fire: formation of carbon monoxide and sulfurous acid gas.</p> <p>Combustion and an explosion may happen by generated steam,if come into contact with the high temperature metal surfaces.</p> <p>There is acidity and may produce toxic gas by fire.</p>
<ul style="list-style-type: none"> <li>▪ Specific digestion method</li> </ul>	<p>Do not bring pyrogen close to a cause.</p> <p>Move containers from fire area if you can do it without risk.</p>
<ul style="list-style-type: none"> <li>▪ Protection of fire-fighting personnel</li> </ul>	<p>On the occasion of fire extinguishing work, perform it by all means from windward.Wear an impermeable tool for protection and gloves,if skin is assumed.</p>

### 6 Accidental release measures

- Personal safety precautions
  - Wear appropriate personal protective equipment.
  - Eliminate all ignition sources.
  - Put a rope and prohibit it from an entrance other than the person concerned.
  - Guide people to the safe place.
  - Ventilate enough.
  - Because the place that it is shed is easy to be slippery, be careful.
- Environmental precautions
  - Avoid discharge into drains, water courses or onto the ground.
  - Let a non-inflammable adsorbent and sand absorb it and collect it in an airtight container.
  - Wipe off with an absorbent(ex:fabric) and collect it in an airtight container and dispose.
- Preventive measures against second disasters
  - If leaked out contact the organization concerned immediately to prevent before the fact prevention and the expansion of the accident.
  - Remove a thing becoming the nearby firing source immediately and prepare extinguishant.

## 7 Handling and storage

- Safety handling precautions and Storage

### Technical measures

Perform in a factory, a storage area, a handling place in content with a standard established by law,if handle it more than quantity of designation.

Avoid heat, sparks, open flames and other ignition sources.

Wear a tool for protection,if it touches skin and the hair.

Take electrostatic measures, and working clothes, the shoes use the conductive thing.

If repair the machinery which dangerous materials remain in or process it, perform it after putting it in the safe place, and completely removing dangerous materials.

Use pumus if take out of container.Must not draw it up with a mouth using a narrow tube.Do not drink.

Do not inhale a mist with respiratory organs by all means,if fog is generated.

Establish the washing eyes facilities and display the place clearly.

Use an explosion-proof machine, a device, absorption facilities, an appliance.

Perform enough ventilation,if use in room.

Because heavier than air, the steam generated from a product is easy to stay. Therefore attention to ventilation and fire is necessary.

### Precautions for safe handling

Oxidizing agent. Strong bases. Reducing agents.

Wear protection gloves,when open container because in being hurt.

In the work area,perform enough ventilation and prevent outbreak of the steam.

Use a tool for protection for appointed individuals.Do not treat a container violently.

Do not handle until all safety precautions have been read and understood.

Do not touch ,suck,drink.

Do not get into eye.

### Storage

Protect from sunlight. Store in a well-ventilated place.

display dangerous materials and keep .

Avoid heat, spark, a flame and electrostatic accumulation.

The electric apparatus to use in a storage area assumes explosion proof thing , and the instrumentation grounds.

After use, seal it up to prevent mixture.

Store locked up.

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

## 8 Exposure controls/Personal protection

- Allowable concentration ACGIH TLV-TWA(2018)

0.05mg/m<sup>3</sup> (As Pb)

- Facilities measures

When Myst occurs, become the sealing up of the outbreak source or establish the exhaus.

- |                          |   |
|--------------------------|---|
|                          | Near a handling place, install facilities for the washing of eyes and physical washing. |
| - Protective equipment   |   |
| Respiratory protection   | It is not necessary, but usually wears gas masks (organic gas use) as needed.           |
| Hand protection          | Wear oil protection gloves-resistant.   |
| Eye protection           | Wear protection glasses.  |
| Skin and body protection | Wear oil long sleeves work clothes-resistant, safety boots.                             |
| - Hygienic measures      | Take off the wet clothes and reuse it after completely washing.                         |

#### 9 Physical and chemical properties

- |                    |                    |
|--------------------|--------------------|
| - Physical state   | Paste              |
| - Odor             | Vegetable oil odor |
| - Flash point (°C) | ≥256°C             |
| - Solubility       |                    |
| water              | Indissolubility    |
| organic solvent    | Soluble            |

#### 10 Stability and reactivity

- |                                      |  |
|--------------------------------------|--|
| - Stability                          | Stable under normal handling condition.  |
| - Possibility of hazardous reactions | When heated strongly above 400 °C, it decomposes to cause harmful lead oxide fumes.<br>When in contact with fluorine, it ignites and burns |
| - Conditions to avoid                | Heat and sunlight  |
| - Contact avoidance                  | Fluorine   |
| - Hazardous decomposition products   | Lead compound  |

#### 11 Toxicological information

- |  |             |
|--|-------------|
| Carcinogenicity                                  | Category 1B |
| Reproductive toxicity                            | Category 1A |
| Specific target organ toxicity/single exposure   | Category 1  |
| Specific target organ toxicity/repeated exposure | Category 1  |

#### 12 Ecological Information

- |   |            |
|---|------------|
| Hazardous to the aquatic environment-chronic hazard | Category 4 |
|---|------------|

#### 13 Disposal attention

- |   |   |
|---|---|
| - Residual contents                     | Dispose of in accordance with local regulations.  |
| - Contaminated containers and packaging | The container wash and recycles, or take an appropriate step according to the standard of the law concerned and the local government.<br>When discard an empty container, completely remove contents in contents. |

#### 14 Transport Information

- |                      |     |
|----------------------|-----|
| - UN classification  |     |
| UN No.               | N/A |
| Proper Shipping Name | -   |
| Packing group        | -   |

#### 15 Regulatory Information

- Comply with applicable laws and regulations.

#### 16 Other Information

## SDS/MINO OIL COLOURS(Pb)

No	Product name	C.I.Name	CAS
036	NAPLES YELLOW	PW1,PY184,PY42	1319-46-6, 14059-33-7, 20344-49-4
037	NAPLES YELLOW IVORY	PW1,PY35	1319-46-6, 8048-07-5
058	MONOCHROME COOL	PW1,PBk28,PY42	1319-46-6, 68186-91-4, 20344-49-4
059	MONOCHROME WARM	PW1,PY42,PBk28	1319-46-6, 20344-49-4, 68186-91-4
070	SILVER WHITE	PW1	1319-46-6

The information and recommendations contained herein are, to the best knowledge and belief of KUSAKABE Corporation, accurate and reliable as of the date issued. You can contact KUSAKABE Corporation to insure that this document is the most current available from KUSAKABE Corporation. The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that the product is suitable for the intended use. If buyer repackages this product, it is the user's responsibility to insure proper health, safety and other necessary information is included with and/or on the container. Appropriate warnings and safe-handling procedures should be provided to handlers and users. Alteration of this document is strictly prohibited. Except to the extent required by law, re-publication or retransmission of this document, in whole or in part, is not permitted.

---