

Revised Date

May 13th, 2024

Set up Date

October 12th, 2023

## Safety Data Sheet

### 1: Identification of the Substance/Preparation and Company

Product Name : Gansai Pearl Series Purple  
 Company Name : Boku-Undo Co.,Ltd.  
                                 : 5-35 Rokujyo 1-Chome, Nara 630-8043 Japan  
                                 : Tel: +81-742-52-0310 Fax: +81-742-45-6880  
 Emergency contact : Boku-Undo Co., Ltd. Nishino-Kyo Factory Tel: +81-742-43-0600  
 General Use : Painting use

### 2: Hazards Identification

#### GHS Classification

Physical Hazards : Not applicable

#### Health Hazards

Acute toxicity (Oral) : Classification not possible  
 Acute toxicity (Dermal) : Classification not possible  
 Acute toxicity (Inhalation) : Classification not possible  
 Skin corrosion/irritation : Classification not possible  
 Serious eye damage/ eye irritation : Classification not possible  
 Respiratory sensitization : Classification not possible  
 Skin sensitization : 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

#### Environment Hazards

Hazardous to the aquatic environment  
   -acute toxicity : Classification not possible  
   -chronic toxicity : Classification not possible

#### GHS Label elements

Signal word : Not established  
 Hazard statement : Not established

#### Precautionary statements

Prevention  
 Do not handle until all safety precautions have been read and understood.  
 Obtain special instructions before use.  
 Wash contaminated parts thoroughly after handling.  
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 If on skin: Wash with plenty of soap and water.  
 If swallowed: Call a poison center or doctor/physician if you feel unwell.  
 Keep containers tightly closed in a dry ,cool place.

**3: Composition/Information on Ingredients**

Material specification Chemical name	: Mixture	CAS No.	Content (%)
Mica		12001-26-2	33.2
Pigment White 6		13463-67-7	34.9
Pigment Red 5		Non-disclosure	2.7
Polyvinylpyrrolidone-vinyl acetate copolymer		25086-89-9	13.7
Maltitol		585-88-6	12.8
Naphthalenesulfonic acid, polymer with formaldehyde sodium salt		9084-06-4	2.7
Organic nitrogen sulfur containing compounds		Non-disclosure	Trace amount

**4: First-aid Measures**

Inhalation	: Not correspond.
Skin Contact	: Wash with plenty of soap and water.
Eye Contact	: Rinse in order to better reach all parts of eyes.
Ingression	: Clean mouth with water and seek medical attention.

**5: Firefighting Measure**

Suitable extinguishing media	: Carbon dioxide,sand,dry chemical powder or fine water spray.
Unsuitable extinguishing media	: water jet.

**6: Accidental Release Measure**

Personal precautions	: Avoid contacts with the product. : Wear proper protective equipments and do not work on the leeward.
Environmental precautions	: Avoid breathin the products. : This material should not be released into the environment. Avoid diffusing dust.
Collecting method,neutralization techniques and cleaning techniques	: Collect the products in containers as much as possible. Avoid raising dust. : Spray deoxidizer (ferrous sulfate etc.), treat with calcium hydroxide and soda ash etc. : Wash away spills with plenty of water. : Do not release high density waste fluid into open waters. or sand and collect them into an empty container.

**7: Handling and Storage**

Handling	: So as not to damage the container and avoid exposure to water and handling with care.
Storage Requirements	: Keep containers tightly closed in a dry ,cool place.

**8: Exposure controls and Personal Protection**

Limit values	: Not established
ACGIH (TLV)	: Not established
General protective measure	: Need not
Respiratory protection	: Need not
Eye protection	: Appropriate glasses as required
Hand protection	: Appropriate gloves as required
Body protection	: Appropriate gloves as required

**9: Physical and Chemical Properties**

## Physical properties

Appearance	: Solid
Color	: Purple
Boiling point	: Not tested
Vapor pressure data	: Not tested
pH Value	: Not tested
Melting point	: Not tested
Specific gravity	: Not tested
Initial boiling point	: Not tested
Solubility in water	: Soluble
Flash point	: No data
Decomposition temperature data	: No data
Flammability or Explosive limits	
: Upper limit	: No data
: Lower limit	: No data
Explosion data	: No data
Others	: None

**10: Stability and Reactivity**

Chemical stability	: Stable under normal storage/handling conditions.
Reactivity	: No data
Possibility of hazardous reactions	: No data
Conditions to avoid	: Excessive heat and high temperature
Incompatible materials	: No data
Hazardous decomposition products	: No data

**11: Toxicological information**

Acute oral toxicity	: No data
Skin corrosion	: No data
Skin irritation	: No data
Skin sensitization	: No data
Serious eye damage /irritation	: No data
Carcinogenicity	: No data
Reproductive toxicity	: No data
Specific target organ toxicity (single exposure)	: No data
Specific target organ toxicity (repeated exposure)	: No data
Aspiration Hazard	: No data

**12: Ecological Information**

Persistence and degradability	: No data
Bioaccumulative potential	: No data

**13: Disposal Considerations**

Do not discharge waste in the ground and drainageway of washing water for container, equipment device, etc.

**14: Transport Information**

Not classified dangerous for transport.

## International regulations :

Sea Transport IMDG	: Not restricted
Air transport IATA	: Not restricted
Class	: Not applicable
NU-Number	: Not applicable

**15: Regulatory Information**

Follow all regulations in your country or region.

**16: Other Information**

This safety data sheet (SDS) is prepared based on the domestic laws and regulations in Japan and the available information and data at present and may be revised based on amendment of the laws and regulations and new findings.

Precaution contained herein is intended for normal handling. Therefore, in case of special handling, users should newly practice appropriate safety measures for application and usage before handling.

Moreover, the information contained herein is prepared carefully, but no guarantee of accuracy in the contents is made. Users are requested to set the safe use conditions of this product on their own responsibility.

Revised Date May 13th, 2024  
 Set up Date October 12th, 2023

## Safety Data Sheet

### 1: Identification of the Substance/Preparation and Company

Product Name : Gansai Pearl Series Bronze  
 Company Name : Boku-Undo Co.,Ltd.  
 : 5-35 Rokujyo 1-Chome, Nara 630-8043 Japan  
 : Tel: +81-742-52-0310 Fax: +81-742-45-6880  
 Emergency contact : Boku-Undo Co., Ltd. Nishino-Kyo Factory Tel: +81-742-43-0600  
 General Use : Painting use

### 2: Hazards Identification

#### GHS Classification

Physical Hazards : Not applicable

#### Health Hazards

Acute toxicity (Oral) : Classification not possible

Acute toxicity (Dermal) : Classification not possible

Acute toxicity (Inhalation) : Classification not possible

Skin corrosion/irritation : Classification not possible

Serious eye damage/ eye : Classification not possible

irritation

Respiratory sensitization : Classification not possible

Skin sensitization : Classification not possible

Germ cell mutagenicity : Classification not possible

Carcinogenicity : Classification not possible

Reproductive toxicity : Classification not possible

Specific target organ toxicity : Classification not possible

(single exposure)

Specific target organ toxicity : Classification not possible

(repeated exposure)

Aspiration Hazard : Classification not possible

#### Environment Hazards

Hazardous to the aquatic environment

-acute toxicity : Classification not possible

-chronic toxicity : Classification not possible

#### GHS Label elements

Signal word : Not established

Hazard statement : Not established

Precautionary statements : Not established

#### Precautionary statements

##### Prevention

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

Obtain special instructions before use.

Wash contaminated parts thoroughly after handling.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If on skin: Wash with plenty of soap and water.

If swallowed: Call a poison center or doctor/physician if you feel unwell.

Keep containers tightly closed in a dry ,cool place.

**3: Composition/Information on Ingredients**

Material specification Chemical name	: Mixture	CAS No.	Content (%)
Mica		12001-26-2	39.4
Pigment White 6		13463-67-7	30.0
Pigment Blue 15:3		147-14-8	0.9
Polyvinylpyrrolidone-vinyl acetate copolymer		25086-89-9	13.9
Maltitol		585-88-6	13.1
Naphthalenesulfonic acid, polymer with formaldehyde sodium salt		9084-06-4	2.8
Organic nitrogen sulfur containing compounds		Non-disclosure	Trace amount

**4: First-aid Measures**

Inhalation	: Not correspond.
Skin Contact	: Wash with plenty of soap and water.
Eye Contact	: Rinse in order to better reach all parts of eyes.
Ingression	: Clean mouth with water and seek medical attention.

**5: Firefighting Measure**

Suitable extinguishing media	: Carbon dioxide,sand,dry chemical powder or fine water spray.
Unsuitable extinguishing media	: water jet.

**6: Accidental Release Measure**

Personal precautions	: Avoid contacts with the product. : Wear proper protective equipments and do not work on the leeward.
Environmental precautions	: Avoid breathin the products. : This material should not be released into the environment. Avoid diffusing dust.
Collecting method,neutralization techniques and cleaning techniques	: Collect the products in containers as much as possible. Avoid raising dust. : Spray deoxidizer (ferrous sulfate etc.), treat with calcium hydroxide and soda ash etc. : Wash away spills with plenty of water. : Do not release high density waste fluid into open waters. or sand and collect them into an empty container.

**7: Handling and Storage**

Handling	: So as not to damage the container and avoid exposure to water and handling with care.
Storage Requirements	: Keep containers tightly closed in a dry ,cool place.

**8: Exposure controls and Personal Protection**

Limit values	: Not established
ACGIH (TLV)	: Not established
General protective measure	: Need not
Respiratory protection	: Need not
Eye protection	: Appropriate glasses as required
Hand protection	: Appropriate gloves as required
Body protection	: Appropriate gloves as required

**9: Physical and Chemical Properties**

## Physical properties

Appearance	: Solid
Color	: Bronze
Boiling point	: Not tested
Vapor pressure data	: Not tested
pH Value	: Not tested
Melting point	: Not tested
Specific gravity	: Not tested
Initial boiling point	: Not tested
Solubility in water	: Soluble
Flash point	: No data
Decomposition temperature data	: No data
Flammability or Explosive limits	
: Upper limit	: No data
: Lower limit	: No data
Explosion data	: No data
Others	: None

**10: Stability and Reactivity**

Chemical stability	: Stable under normal storage/handling conditions.
Reactivity	: No data
Possibility of hazardous reactions	: No data
Conditions to avoid	: Excessive heat and high temperature
Incompatible materials	: No data
Hazardous decomposition products	: No data

**11: Toxicological information**

Acute oral toxicity	: No data
Skin corrosion	: No data
Skin irritation	: No data
Skin sensitization	: No data
Serious eye damage /irritation	: No data
Carcinogenicity	: No data
Reproductive toxicity	: No data
Specific target organ toxicity (single exposure)	: No data
Specific target organ toxicity (repeated exposure)	: No data
Aspiration Hazard	: No data

**12: Ecological Information**

Persistence and degradability	: No data
Bioaccumulative potential	: No data

**13: Disposal Considerations**

Do not discharge waste in the ground and drainageway of washing water for container, equipment device, etc.

**14: Transport Information**

Not classified dangerous for transport.

## International regulations :

Sea Transport IMDG	: Not restricted
Air transport IATA	: Not restricted
Class	: Not applicable
NU-Number	: Not applicable

**15: Regulatory Information**

Follow all regulations in your country or region.

**16: Other Information**

This safety data sheet (SDS) is prepared based on the domestic laws and regulations in Japan and the available information and data at present and may be revised based on amendment of the laws and regulations and new findings.

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Moreover, the information contained herein is prepared carefully, but no guarantee of accuracy in the contents is made. Users are requested to set the safe use conditions of this product on their own responsibility.



## Safety Data Sheet

### 1: Identification of the Substance/Preparation and Company

Product Name : Gansai Pearl Series Smoked Silver  
Company Name : Boku-Undo Co.,Ltd.  
: 5-35 Rokujyo 1-Chome, Nara 630-8043 Japan  
: Tel: +81-742-52-0310 Fax: +81-742-45-6880  
Emergency contact : Boku-Undo Co., Ltd. Nishino-Kyo Factory Tel: +81-742-43-0600  
General Use : Painting use

### 2: Hazards Identification

GHS Classification  
Physical Hazards : Not applicable  
Health Hazards  
Acute toxicity (Oral) : Classification not possible  
Acute toxicity (Dermal) : Classification not possible  
Acute toxicity (Inhalation) : Classification not possible  
Skin corrosion/irritation : Classification not possible  
Serious eye damage/ eye irritation : Classification not possible  
Respiratory sensitization : Classification not possible  
Skin sensitization : 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  
Environment Hazards  
Hazardous to the aquatic environment  
-acute toxicity : Classification not possible  
-chronic toxicity : Classification not possible  
GHS Label elements  
Signal word : Not established  
Hazard statement : Not established

#### Precautionary statements

Prevention  
Do not handle until all safety precautions have been read and understood.  
Obtain special instructions before use.  
Wash contaminated parts thoroughly after handling.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If on skin: Wash with plenty of soap and water.  
If swallowed: Call a poison center or doctor/physician if you feel unwell.  
Keep containers tightly closed in a dry, cool place.

**3: Composition/Information on Ingredients**

Material specification Chemical name	: Mixture	CAS No.	Content (%)
Mica		12001-26-2	43.1
Pigment White 6		13463-67-7	16.8
Pigment Black 11		1317-61-9	14.4
Pigment Red 101		1309-37-1	0.2
Polyvinylpyrrolidone-vinyl acetate copolymer		25086-89-9	12.0
Maltitol		585-88-6	11.2
Naphthalenesulfonic acid, polymer with formaldehyde sodium salt		9084-06-4	2.4
Organic nitrogen sulfur containing compounds		Non-disclosure	Trace amount

**4: First-aid Measures**

Inhalation	: Not correspond.
Skin Contact	: Wash with plenty of soap and water.
Eye Contact	: Rinse in order to better reach all parts of eyes.
Ingression	: Clean mouth with water and seek medical attention.

**5: Firefighting Measure**

Suitable extinguishing media	: Carbon dioxide,sand,dry chemical powder or fine water spray.
Unsuitable extinguishing media	: water jet.

**6: Accidental Release Measure**

Personal precautions	: Avoid contacts with the product. : Wear proper protective equipments and do not work on the leeward. : Avoid breathin the products.
Environmental precautions	: This material should not be released into the environment. Avoid diffusing dust.
Collecting method,neutralization techniques and cleaning techniques	: Collect the products in containers as much as possible. Avoid raising dust. : Spray deoxidizer (ferrous sulfate etc.), treat with calcium hydroxide and soda ash etc. : Wash away spills with plenty of water. : Do not release high density waste fluid into open waters. or sand and collect them into an empty container.

**7: Handling and Storage**

Handling	: So as not to damage the container and avoid exposure to water and handling with care.
Storage Requirements	: Keep containers tightly closed in a dry ,cool place.

**8: Exposure controls and Personal Protection**

Limit values	: Not established
ACGIH (TLV)	: Not established
General protective measure	: Need not
Respiratory protection	: Need not
Eye protection	: Appropriate glasses as required
Hand protection	: Appropriate gloves as required
Body protection	: Appropriate gloves as required

**9: Physical and Chemical Properties**

## Physical properties

Appearance	: Solid
Color	: Silver
Boiling point	: Not tested
Vapor pressure data	: Not tested
pH Value	: Not tested
Melting point	: Not tested
Specific gravity	: Not tested
Initial boiling point	: Not tested
Solubility in water	: Soluble
Flash point	: No data
Decomposition temperature data	: No data
Flammability or Explosive limits	
: Upper limit	: No data
: Lower limit	: No data
Explosion data	: No data
Others	: None

**10: Stability and Reactivity**

Chemical stability	: Stable under normal storage/handling conditions.
Reactivity	: No data
Possibility of hazardous reactions	: No data
Conditions to avoid	: Excessive heat and high temperature
Incompatible materials	: No data
Hazardous decomposition products	: No data

**11: Toxicological information**

Acute oral toxicity	: No data
Skin corrosion	: No data
Skin irritation	: No data
Skin sensitization	: No data
Serious eye damage /irritation	: No data
Carcinogenicity	: No data
Reproductive toxicity	: No data
Specific target organ toxicity (single exposure)	: No data
Specific target organ toxicity (repeated exposure)	: No data
Aspiration Hazard	: No data

**12: Ecological Information**

Persistence and degradability	: No data
Bioaccumulative potential	: No data

**13: Disposal Considerations**

Do not discharge waste in the ground and drainageway of washing water for container, equipment device, etc.

**14: Transport Information**

Not classified dangerous for transport.

International regulations :

Sea Transport IMDG	: Not restricted
Air transport IATA	: Not restricted
Class	: Not applicable
NU-Number	: Not applicable

**15: Regulatory Information**

Follow all regulations in your country or region.

**16: Other Information**

This safety data sheet (SDS) is prepared based on the domestic laws and regulations in Japan and the available information and data at present and may be revised based on amendment of the laws and regulations and new findings.

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Moreover, the information contained herein is prepared carefully, but no guarantee of accuracy in the contents is made. Users are requested to set the safe use conditions of this product on their own responsibility.

Revised Date May 13th, 2024  
Set up Date October 12th, 2023

## Safety Data Sheet

### 1: Identification of the Substance/Preparation and Company

Product Name : Gansai Pearl Series Copper  
Company Name : Boku-Undo Co.,Ltd.  
: 5-35 Rokujyo 1-Chome, Nara 630-8043 Japan  
: Tel: +81-742-52-0310 Fax: +81-742-45-6880  
Emergency contact : Boku-Undo Co., Ltd. Nishino-Kyo Factory Tel: +81-742-43-0600  
General Use : Painting use

### 2: Hazards Identification

GHS Classification  
Physical Hazards : Not applicable  
Health Hazards  
Acute toxicity (Oral) : Classification not possible  
Acute toxicity (Dermal) : Classification not possible  
Acute toxicity (Inhalation) : Classification not possible  
Skin corrosion/irritation : Classification not possible  
Serious eye damage/ eye irritation : Classification not possible  
Respiratory sensitization : Classification not possible  
Skin sensitization : 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  
Environment Hazards  
Hazardous to the aquatic environment  
-acute toxicity : Classification not possible  
-chronic toxicity : Classification not possible

GHS Label elements : Not established  
Signal word : Not established  
Hazard statement : Not established

#### Precautionary statements

Prevention  
Do not handle until all safety precautions have been read and understood.  
Obtain special instructions before use.  
Wash contaminated parts thoroughly after handling.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If on skin: Wash with plenty of soap and water.  
If swallowed: Call a poison center or doctor/physician if you feel unwell.  
Keep containers tightly closed in a dry ,cool place.

**3: Composition/Information on Ingredients**

Material specification Chemical name	: Mixture	CAS No.	Content (%)
Mica		12001-26-2	39.9
Pigment Red 101		1309-37-1	30.1
Polyvinylpyrrolidone-vinyl acetate copolymer		25086-89-9	14.0
Maltitol		585-88-6	13.1
Naphthalenesulfonic acid, polymer with formaldehyde sodium salt		9084-06-4	2.8
Organic nitrogen sulfur containing compounds		Non-disclosure	Trace amount

**4: First-aid Measures**

Inhalation	: Not correspond.
Skin Contact	: Wash with plenty of soap and water.
Eye Contact	: Rinse in order to better reach all parts of eyes.
Ingression	: Clean mouth with water and seek medical attention.

**5: Firefighting Measure**

Suitable extinguishing media	: Carbon dioxide,sand,dry chemical powder or fine water spray.
Unsuitable extinguishing media	: water jet.

**6: Accidental Release Measure**

Personal precautions	: Avoid contacts with the product. : Wear proper protective equipments and do not work on the leeward. : Avoid breathin the products.
Environmental precautions	: This material should not be released into the environment. Avoid diffusing dust.
Collecting method,neutralization techniques and cleaning techniques	: Collect the products in containers as much as possible. Avoid raising dust. : Spray deoxidizer (ferrous sulfate etc.), treat with calcium hydroxide and soda ash etc. : Wash away spills with plenty of water. : Do not release high density waste fluid into open waters. or sand and collect them into an empty container.

**7: Handling and Storage**

Handling	: So as not to damage the container and avoid exposure to water and handling with care.
Storage Requirements	: Keep containers tightly closed in a dry ,cool place.

**8: Exposure controls and Personal Protection**

Limit values	: Not established
ACGIH (TLV)	: Not established
General protective measure	: Need not
Respiratory protection	: Need not
Eye protection	: Appropriate glasses as required
Hand protection	: Appropriate gloves as required
Body protection	: Appropriate gloves as required

**9: Physical and Chemical Properties**

Physical properties	
Appearance	: Solid
Color	: Copper
Boiling point	: Not tested
Vapor pressure data	: Not tested
pH Value	: Not tested
Melting point	: Not tested
Specific gravity	: Not tested
Initial boiling point	: Not tested
Solubility in water	: Soluble
Flash point	: No data
Decomposition temperature data	: No data
Flammability or Explosive limits	
: Upper limit	: No data
: Lower limit	: No data
Explosion data	: No data
Others	: None

**10: Stability and Reactivity**

Chemical stability	: Stable under normal storage/handling conditions.
Reactivity	: No data
Possibility of hazardous reactions	: No data
Conditions to avoid	: Excessive heat and high temperature
Incompatible materials	: No data
Hazardous decomposition product:	: No data

**11: Toxicological information**

Acute oral toxicity	: No data
Skin corrosion	: No data
Skin irritation	: No data
Skin sensitization	: No data
Serious eye damage /irritation	: No data
Carcinogenicity	: No data
Reproductive toxicity	: No data
Specific target organ toxicity (single exposure)	: No data
Specific target organ toxicity (repeated exposure)	: No data
Aspiration Hazard	: No data

**12: Ecological Information**

Persistence and degradability	: No data
Bioaccumulative potential	: No data

**13: Disposal Considerations**

Do not discharge waste in the ground and drainageway of washing water for container, equipment device, etc.

**14: Transport Information**

Not classified dangerous for transport.

International regulations :

Sea Transport IMDG	: Not restricted
Air transport IATA	: Not restricted
Class	: Not applicable
NU-Number	: Not applicable

**15: Regulatory Information**

Follow all regulations in your country or region.

**16: Other Information**

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Moreover, the information contained herein is prepared carefully, but no guarantee of accuracy in the contents is made. Users are requested to set the safe use conditions of this product on their own responsibility.



## Safety Data Sheet

### 1: Identification of the Substance/Preparation and Company

Product Name : Gansai Pearl Series Fern Green  
 Company Name : Boku-Undo Co., Ltd.  
                               : 5-35 Rokujyo 1-Chome, Nara 630-8043 Japan  
                               : Tel: +81-742-52-0310 Fax: +81-742-45-6880  
 Emergency contact : Boku-Undo Co., Ltd. Nishino-Kyo Factory Tel: +81-742-43-0600  
 General Use : Painting use

### 2: Hazards Identification

GHS Classification

Physical Hazards	: Not applicable
Health Hazards	
Acute toxicity (Oral)	: Classification not possible
Acute toxicity (Dermal)	: Classification not possible
Acute toxicity (Inhalation)	: Classification not possible
Skin corrosion/irritation	: Classification not possible
Serious eye damage/ eye irritation	: Classification not possible
Respiratory sensitization	: Classification not possible
Skin sensitization	: 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
Environment Hazards	
Hazardous to the aquatic environment	
-acute toxicity	: Classification not possible
-chronic toxicity	: Classification not possible
GHS Label elements	
	: Not established
Signal word	: Not established
Hazard statement	: Not established

#### Precautionary statements

**Prevention**  
 Do not handle until all safety precautions have been read and understood.  
 Obtain special instructions before use.  
 Wash contaminated parts thoroughly after handling.  
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 If on skin: Wash with plenty of soap and water.  
 If swallowed: Call a poison center or doctor/physician if you feel unwell.  
 Keep containers tightly closed in a dry ,cool place.

**3: Composition/Information on Ingredients**

Material specification Chemical name	: Mixture	CAS No.	Content (%)
Mica		12001-26-2	39.6
Pigment White 6		13463-67-7	30.1
Pigment Green 7		1328-53-6	0.2
Pigment Yellow 74		6358-31-2	0.1
Polyvinylpyrrolidone-vinyl acetate copolymer		25086-89-9	14.0
Maltitol		585-88-6	13.1
Naphthalenesulfonic acid, polymer with formaldehyde sodium salt		9084-06-4	2.8
Organic nitrogen sulfur containing compounds		Non-disclosure	Trace amount

**4: First-aid Measures**

Inhalation	: Not correspond.
Skin Contact	: Wash with plenty of soap and water.
Eye Contact	: Rinse in order to better reach all parts of eyes.
Ingression	: Clean mouth with water and seek medical attention.

**5: Firefighting Measure**

Suitable extinguishing media	: Carbon dioxide,sand,dry chemical powder or fine water spray.
Unsuitable extinguishing media	: water jet.

**6: Accidental Release Measure**

Personal precautions	: Avoid contacts with the product. : Wear proper protective equipments and do not work on the leeward. : Avoid breathin the products.
Environmental precautions	: This material should not be released into the environment. Avoid diffusing dust.
Collecting method,neutralization techniques and cleaning techniques	: Collect the products in containers as much as possible. Avoid raising dust. : Spray deoxidizer (ferrous sulfate etc.), treat with calcium hydroxide and soda ash etc. : Wash away spills with plenty of water. : Do not release high density waste fluid into open waters. or sand and collect them into an empty container.

**7: Handling and Storage**

Handling	: So as not to damage the container and avoid exposure to water and handling with care.
Storage Requirements	: Keep containers tightly closed in a dry ,cool place.

**8: Exposure controls and Personal Protection**

Limit values	: Not established
ACGIH (TLV)	: Not established
General protective measure	: Need not
Respiratory protection	: Need not
Eye protection	: Appropriate glasses as required
Hand protection	: Appropriate gloves as required
Body protection	: Appropriate gloves as required

**9: Physical and Chemical Properties**

## Physical properties

Appearance	: Solid
Color	: Green
Boiling point	: Not tested
Vapor pressure data	: Not tested
pH Value	: Not tested
Melting point	: Not tested
Specific gravity	: Not tested
Initial boiling point	: Not tested
Solubility in water	: Soluble
Flash point	: No data
Decomposition temperature data	: No data
Flammability or Explosive limits	
: Upper limit	: No data
: Lower limit	: No data
Explosion data	: No data
Others	: None

**10: Stability and Reactivity**

Chemical stability	: Stable under normal storage/handling conditions.
Reactivity	: No data
Possibility of hazardous reactions	: No data
Conditions to avoid	: Excessive heat and high temperature
Incompatible materials	: No data
Hazardous decomposition products	: No data

**11: Toxicological information**

Acute oral toxicity	: No data
Skin corrosion	: No data
Skin irritation	: No data
Skin sensitization	: No data
Serious eye damage /irritation	: No data
Carcinogenicity	: No data
Reproductive toxicity	: No data
Specific target organ toxicity (single exposure)	: No data
Specific target organ toxicity (repeated exposure)	: No data
Aspiration Hazard	: No data

**12: Ecological Information**

Persistence and degradability	: No data
Bioaccumulative potential	: No data

**13: Disposal Considerations**

Do not discharge waste in the ground and drainageway of washing water for container, equipment device, etc.

**14: Transport Information**

Not classified dangerous for transport.

## International regulations :

Sea Transport IMDG	: Not restricted
Air transport IATA	: Not restricted
Class	: Not applicable
NU-Number	: Not applicable

**15: Regulatory Information**

Follow all regulations in your country or region.

**16: Other Information**

This safety data sheet (SDS) is prepared based on the domestic laws and regulations in Japan and the available information and data at present and may be revised based on amendment of the laws and regulations and new findings.

Precaution contained herein is intended for normal handling. Therefore, in case of special handling, users should newly practice appropriate safety measures for application and usage before handling.

Moreover, the information contained herein is prepared carefully, but no guarantee of accuracy in the contents is made. Users are requested to set the safe use conditions of this product on their own responsibility.

## Safety Data Sheet

### 1: Identification of the Substance/Preparation and Company

Product Name : Gansai Pearl Series Sky Blue  
Company Name : Boku-Undo Co.,Ltd.  
: 5-35 Rokujyo 1-Chome, Nara 630-8043 Japan  
: Tel: +81-742-52-0310 Fax: +81-742-45-6880  
Emergency contact : Boku-Undo Co., Ltd. Nishino-Kyo Factory Tel: +81-742-43-0600  
General Use : Painting use

### 2: Hazards Identification

#### GHS Classification

##### Physical Hazards

: Not applicable

##### Health Hazards

Acute toxicity (Oral) : Classification not possible

Acute toxicity (Dermal) : Classification not possible

Acute toxicity (Inhalation) : Classification not possible

Skin corrosion/irritation : Classification not possible

Serious eye damage/ eye : Classification not possible

irritation

Respiratory sensitization : Classification not possible

Skin sensitization : Classification not possible

Germ cell mutagenicity : Classification not possible

Carcinogenicity : Classification not possible

Reproductive toxicity : Classification not possible

Specific target organ toxicity : Classification not possible

(single exposure)

Specific target organ toxicity : Classification not possible

(repeated exposure)

Aspiration Hazard : Classification not possible

#### Environment Hazards

##### Hazardous to the aquatic environment

-acute toxicity : Classification not possible

-chronic toxicity : Classification not possible

#### GHS Label elements

: Not established

##### Signal word

: Not established

##### Hazard statement

: Not established

#### Precautionary statements

##### Prevention

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

Obtain special instructions before use.

Wash contaminated parts thoroughly after handling.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If on skin: Wash with plenty of soap and water.

If swallowed: Call a poison center or doctor/physician if you feel unwell.

Keep containers tightly closed in a dry, cool place.

**3: Composition/Information on Ingredients**

Material specification Chemical name	: Mixture	CAS No.	Content (%)
Mica		12001-26-2	33.9
Pigment White 6		13463-67-7	35.7
Pigment Green 7		1328-53-6	0.5
Polyvinylpyrrolidone-vinyl acetate copolymer		25086-89-9	14.0
Maltitol		585-88-6	13.1
Naphthalenesulfonic acid, polymer with formaldehyde sodium salt		9084-06-4	2.8
Organic nitrogen sulfur containing compounds		Non-disclosure	Trace amount

**4: First-aid Measures**

Inhalation	: Not correspond.
Skin Contact	: Wash with plenty of soap and water.
Eye Contact	: Rinse in order to better reach all parts of eyes.
Ingression	: Clean mouth with water and seek medical attention.

**5: Firefighting Measure**

Suitable extinguishing media	: Carbon dioxide,sand,dry chemical powder or fine water spray.
Unsuitable extinguishing media	: water jet.

**6: Accidental Release Measure**

Personal precautions	: Avoid contacts with the product. : Wear proper protective equipments and do not work on the leeward.
Environmental precautions	: Avoid breathin the products. : This material should not be released into the environment. Avoid diffusing dust.
Collecting method,neutralization techniques and cleaning techniques	: Collect the products in containers as much as possible. Avoid raising dust. : Spray deoxidizer (ferrous sulfate etc.), treat with calcium hydroxide and soda ash etc. : Wash away spills with plenty of water. : Do not release high density waste fluid into open waters. or sand and collect them into an empty container.

**7: Handling and Storage**

Handling	: So as not to damage the container and avoid exposure to water and handling with care.
Storage Requirements	: Keep containers tightly closed in a dry ,cool place.

**8: Exposure controls and Personal Protection**

Limit values	: Not established
ACGIH (TLV)	: Not established
General protective measure	: Need not
Respiratory protection	: Need not
Eye protection	: Appropriate glasses as required
Hand protection	: Appropriate gloves as required
Body protection	: Appropriate gloves as required

**9: Physical and Chemical Properties**

## Physical properties

Appearance	: Solid
Color	: Blue
Boiling point	: Not tested
Vapor pressure data	: Not tested
pH Value	: Not tested
Melting point	: Not tested
Specific gravity	: Not tested
Initial boiling point	: Not tested
Solubility in water	: Soluble
Flash point	: No data
Decomposition temperature data	: No data
Flammability or Explosive limits	
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