86341-1039

-1page **Revised Date** May 13th,2024 Set up Date November 21st, 2022

Safety Data Sheet

1: Identification of the Substance/Preparation and Company

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

2: Hazards Idenification

ards idennication	
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 envir	ronment
-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	

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: Compo	sition/information on	ingredients			
	Material specification Chemical name		: Mixture	CAS No.	Content (%)
	Mica Pigment White 6 Pigment Blue 15 Polyvinylpyrrolidone– Maltitol Naphthalenesulfonic a sodium salt Organic nitrogen sulfu	acid, polyme	er with formaldehydo	12001-26-2 13463-67-7 147-14-8 25086-89-9 585-88-6 e 9084-06-4 Non-disclosure	33.7 35.5 1.0 13.9 13.0 2.8 Trace amount
4: First−a	i d Measures Inhalation Skin Contact Eye Contact Ingression	: Rinse in o	espond. h plenty of soap and order to better reac outh with water and	h all parts of eyes	
5: Firefigh	n ting Measure Suitable extinguishing Unsuitable extinguish		: Carbon dioxide,sar : water jet.	nd,dry chemical po	owder or fine water spray.
6: Accide	ntal Release Measure Personal precautions		: Wear pr work or	ontacts with the p oper protective en the leeward. reathin the produc	quipments and do not
	Environmental precautions : T e Collecting method,neutralization : C techniques and cleaning techniques : S c : W : D w		: This ma environ : Collect ues possible : Spray d calcium : Wash av : Do not	aterial should not k ment. Avoid diffus the products in co e. Avoid raising du leoxidizer (ferrous n hydroxide and so way spills with plei release high densi or sand and colle	be released into the ing dust. ontainers as much as st. sulfate etc.), treat with da ash etc.
7: Handlir	n g and Storage Handling Storage Requirement	s	: So as not to dama water and handling : Keep containers ti	g with care.	and avoid exposure to dry ,cool place.
8: Exposu	re controls and Perso Limit values ACGIH (TLV) General protective m Respiratory protectio Eye protection Hand protection Body protection	easure n	tion : Not established : Not established : Need not : Need not : Appropriate glasse : Appropriate gloves : Appropriate gloves	s as required	

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 da	: 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 sta	ability :	Stable un	ider norma	l storage/handlii	ng conditions.
Reactivity	:	No data			
Possibility o	f hazardous reactions	s :	No data		
Conditions t	o avoid :	Excessive	e heat and	high tempeature	e
Incompatible	materials :	No data			
Hazardous de	composition product		: No data		

11: Toxicological information

cological information	
Acute oral toxity	: 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 :

national 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.

Page 4 of 24

 Ipage

 Revised Date
 May 13th,2024

 Set up Date
 November 21st, 2022

Safety Data Sheet

1: Identification of the Substance/Preparation and Company

Product Name	: Gansai Metallic Series Reddish Gold
Company Name	: Boku–Undo Co.,Ltd.
	: 5–35 Rokujyo 1–Chome, Nara 630–8043 Japan
	: Tel: +81-742-52-0310
Emergency contact	: Boku-Undo Co., Ltd. Nishino-Kyo Fuctory Tel: +81-742-43-0600
General Use	: Painting use

2: Hazards Idenification

ards Idenification	
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	: 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 envir	ronment
-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	

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.

Non-disclosure

4:	First-aid	Measures

Mica

Maltitol

sodium salt

ald 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	3.
Ingression : Clean mouth with water and seek medical atte	ntion.

Naphthalenesulfonic acid, polymer with formaldehyde 9084-06-4

Organic nitrogen sulfur containing compounds

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

o: 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,neutralizatior techniques and cleaning technic	·
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 Protec	otion

8: Exposure controls and Personal Prote	ection
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

2.8

Trace amount

JIOUI		
I	Physical properties	
	Appearance	: Solid
	Color	: Reddish Gold
	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 da	: No data
	Flammability or Explosive limits	
	: Upper limit	: No data
	: Lower limit	: No data
	Explosion data	: No data
	Others	: None

10: Stability and Reactivity

: Stable under normal storage/handling conditions.
: No data
ns : No data
: Excessive heat and high tempeature
: No data
: No data

11: Toxicological information

cological information	
Acute oral toxity	: 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 degr	adability : No data	а
Bioaccumulative pote	ential : No data	а

13: Disposal Considerations

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

14: Transport Information

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.

1page **Revised Date** May 13th,2024 Set up Date November 21st, 2022

Safety Data Sheet

1: Identification of the Substance/Preparation and Company

Product Name	: Gansai Metallic Series Bluish Gold
Company Name	: Boku-Undo Co.,Ltd.
	: 5–35 Rokujyo 1–Chome, Nara 630–8043 Japan
	: Tel: +81–742–52–0310
Emergency contact	: Boku-Undo Co., Ltd. Nishino-Kyo Fuctory Tel: +81-742-43-0600
General Use	: Painting use

2: Hazards Idenification

ards Idenification	
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 envir	
-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	
Provention	

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.

Material specification : Mixture Chemical name	CAS No.	Content (%)
Mica	12001-26-2	37.9
Pigment Black 11	1317-61-9	3.3
Pigment Red 101	1309-37-1	3.3
Pigment White 6	13463-67-7	22.3
Polyvinylpyrrolidone-vinyl acetate copoly	mer 25086-89-9	15.6
Maltitol	585-88-6	14.6
Naphthalenesulfonic acid, polymer with fo sodium salt	ormaldehyde 9084–06–4	3.1
Organic nitrogen sulfur containing compo	unds 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

	ental ivelease 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 technic	: Collect the products in containers as much as	
: Handli	ing 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.	
: Expos	ure controls and Personal Prote	tion	
	Limit values	: Not established	

8:

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

7:

Physical properties	
Appearance	: Solid
Color	: Bluish Gold
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 da	: No data
Flammability or Explosive limits	
: Upper limit	: No data
: Lower limit	: No data
Explosion data	: No data
Others	: None

10: Stability and Reactivity

: Stable under normal storage/handling conditions.
: No data
ns : No data
: Excessive heat and high tempeature
: No data
: No data

11: Toxicological information

ological information	
Acute oral toxity	: 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

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

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.

Page 12 of 24

Revised Date May 13th,2024 Set up Date November 21st, 2022

Safety Data Sheet

1: Identification of the Substance/Preparation and Company

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

2: Hazards Idenification

ards Idenification	
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 envi	ronment
-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	
Ducy counting	

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.

Material specification : Mixture Chemical name	CAS No.	Content (%)
Mica	12001-26-2	50.4
Pigment White 6	13463-67-7	19.6
Polyvinylpyrrolidone-vinyl acetate copolymer	25086-89-9	14.0
Maltitol	585-88-6	13.1
Naphthalenesulfonic acid, polymer with formaldeh sodium salt	yde 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

0: 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,neutralizatio techniques and cleaning techni	•
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 Prote	ction

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	

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 da	: No data
Flammability or Explosive limits	
: Upper limit	: No data
: Lower limit	: No data
Explosion data	: No data
Others	: None

10: Stability and Reactivity

: Stable under normal storage/handling conditions.
: No data
ns : No data
: Excessive heat and high tempeature
: No data
: No data

11: Toxicological information

cological information	
Acute oral toxity	: 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 degr	adability : No data	а
Bioaccumulative pote	ential : No data	а

13: Disposal Considerations

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

14: Transport Information

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

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.

Page 16 of 24

Revised Date May 13th,2024 Set up Date November 21st, 2022

Safety Data Sheet

1: Identification of the Substance/Preparation and Company

Product Name	: Gansai Metallic Series Red
Company Name	: Boku–Undo Co.,Ltd.
	: 5–35 Rokujyo 1–Chome, Nara 630–8043 Japan
	: Tel: +81-742-52-0310
Emergency contact	: Boku-Undo Co., Ltd. Nishino-Kyo Fuctory Tel: +81-742-43-0600
General Use	: Painting use

2: Hazards Idenification

ards Idenification	
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 envir	onment
-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.

Material specification Chemical name	: Mixture	CAS No.	Content (%)
Mica		12001-26-2	29.4
Pigment Red 101		1309-37-1	40.6
Polyvinylpyrrolidone-vinyl aceta	ite copolymer	25086-89-9	14.0
Maltitol		585-88-6	13.1
Naphthalenesulfonic acid, polymer with formaldehyde 9084–06–4 sodium salt		2.8	
Organic nitrogen sulfur containi	ng 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.
Ingression	. Ofcan 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

5: 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 technic	•
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 Protect	ction

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	

Physical properties	
Appearance	: Solid
Color	: Red
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 da	: No data
Flammability or Explosive limits	
: Upper limit	: No data
: Lower limit	: No data
Explosion data	: No data
Others	: None

10: Stability and Reactivity

: Stable under normal storage/handling conditions.
: No data
ons : No data
: Excessive heat and high tempeature
: No data
t: : No data

11: Toxicological information

cological information	
Acute oral toxity	: 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 degr	adability : No data	а
Bioaccumulative pote	ential : No data	а

13: Disposal Considerations

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

14: Transport Information

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

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 November 21st, 2022

Safety Data Sheet

1: Identification of the Substance/Preparation and Company

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

2: Hazards Idenification

ards Idenification	
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	: 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 envi	
-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.

o. Compo			3			
	Material specification Chemical name		: Mixture		CAS No.	Content (%)
	Mica Pigment White 6 Pigment Green 7 Polyvinylpyrrolidone Maltitol Naphthalenesulfonic a sodium salt Organic nitrogen sulfu	acid, polym	er with form	naldehyde	12001-26-2 13463-67-7 1328-53-6 25086-89-9 585-88-6 9084-06-4 Non-disclosure	29.3 39.3 1.8 13.8 12.9 2.8 Trace amount
4: First−a	id Measures Inhalation Skin Contact Eye Contact Ingression	: Rinse in	th plenty of order to be	tter reac	l water. h all parts of eyes seek medical atte	
5. Firefigh	nting Measure					
	Suitable extinguishing Unsuitable extinguishi		: Carbon di : water jet.		nd,dry chemical p	owder or fine water spray.
6: Accide	ntal Release Measure					
	Personal precautions			: Wear pr work or	ontacts with the oper protective e the leeward. reathin the produ	equipments and do not
	Environmental precau	tions				be released into the
	Collecting method,neu techniques and clean		lues	: Collect possible : Spray d calcium : Wash av : Do not	e. Avoid raising du eoxidizer (ferrous hydroxide and so way spills with ple release high dens or sand and colle	containers as much as ust. s sulfate etc.), treat with oda ash etc.
7: Handlir	ng and Storage					
7: Handlir	Handling				ge the container g with care.	and avoid exposure to
	Storage Requirement	S	: Keep con	tainers ti	ghtly closed in a	dry ,cool place.
8: Exposu	ire controls and Perso Limit values ACGIH (TLV) General protective ma Respiratory protectio Eye protection Hand protection Body protection	easure	: Not estab : Not estab : Need not : Need not : Appropria : Appropria	olished ite glasse ite gloves	es as required as required as required	

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 da	: No data
Flammability or Explosive limits	;
: Upper limit	: No data
: Lower limit	: No data
Explosion data	: No data
Others	: None

10: Stability and Reactivity

: Stable under normal storage/handling conditions.
: No data
ons : No data
: Excessive heat and high tempeature
: No data
t: : No data

11: Toxicological information

cological information	
Acute oral toxity	: 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 degr	adability : No data	а
Bioaccumulative pote	ential : No data	а

13: Disposal Considerations

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

14: Transport Information

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

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.