

Date of issue : 25/01/2021

## Safety Data Sheet

### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier:

Product name: Art Clay Silver (Clay Type, Syringe Type)

Product code (SDS NO): Art\_Clay\_Silver\_EU-1

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the product: Material for art, craft, and hobby use.

#### 1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Aida Chemical Industries Co.,Ltd.

Address: 6-15-13 Minami Cho, Fuchu City, Tokyo, Japan

Telephone number: +81-42-334-6311

FAX: +81-42-334-6359

#### 1.4 Emergency telephone number: +81-42-366-8751

### 2. Hazards identification

GHS classification and label elements of the product

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No.1272/2008 [CLP]

Not classified/Classification not possible

#### 2.2 Label elements

Labelling according to Regulation (EC) No.1272/2008 [CLP]

No GHS label element

No Signal word

#### 2.3 Other hazards

The product does not contain any ingredient designated as PBT and/or vPvB.

The product does not contain any ingredients designated as Endocrine disrupting properties.

### 3. Composition/information on ingredients

Mixture/Substance selection:

#### 3.2 Mixture

Ingredient name	CAS No.	Content (%)
HAZCODE_EU	ECNO	
Silver	7440-22-4	>85
-	231-131-3	
Water	7732-18-5	< 12
-	231-791-2	
Cellulose derivative	CBI	< 2
-	-	
Starch	9005-25-8	< 1
-	232-679-6	

Note : The figures shown above are not the specifications of the product.

The components not described in this component table are not listed in Table 3 of Annex VI in EU CLP.

Components contributing to the hazard

The product does not contain any ingredients listed in REACH SVHC candidate list.

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#### 4. First-aid measures

##### 4.1 Descriptions of first-aid measures

###### IF INHALED

Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER or doctor/physician if you feel unwell.

###### IF ON SKIN (or hair)

If skin irritation or rash occurs: Get medical advice/attention.

###### IF IN EYES

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

If eye irritation persists: Get medical advice/attention.

###### IF SWALLOWED

Rinse mouth.

Call a POISON CENTER or doctor/physician if you feel unwell.

##### 4.2 Most important symptoms and effects, both acute and delayed

Specific information on symptom and effect are unknown.

##### 4.3 Indication of any immediate medical attention and special treatment needed

Information on indication of any immediate medical attention and special treatment needed is not available.

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#### 5. Fire-fighting measures

##### 5.1 Extinguishing media

Suitable extinguishing media

Use appropriate extinguishing media suitable for surrounding facilities.

Unsuitable extinguishing media

Unsuitable extinguishing media data is not available.

##### 5.2 Specific hazards arising from the substance or mixture

Fire may produce irritating, corrosive and/or toxic gases.

##### 5.3 Advice for firefighters

Specific fire-fighting measures

Evacuate non-essential personnel to safe area.

Special protective equipment and precautions for fire-fighters

Firefighters should wear self-contained breathing apparatus with full face piece operated positive pressure mode.

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#### 6. Accidental release measures

##### 6.1 Personnel precautions, protective equipment and emergency procedures

Keep unauthorized personnel away.

Wear proper protective equipment.

##### 6.2 Environmental precautions

Do not wash away into sewers or waterway.

Avoid raising dust.

##### 6.3 Methods and materials for containment and cleaning up

Sweep up, place in a bag and hold for waste disposal.

##### 6.4 Reference to other sections

Refer to section 8

Refer to section 13

## 7. Handling and storage

### 7.1 Precautions for safe handling

#### Preventive measures

(Exposure Control for handling personnel)

Do not breathe dust.

(Safety treatments)

Avoid contact with skin.

Avoid contact with eyes.

#### Safety Measures

Use only outdoors or in a well-ventilated area.

Wear protective gloves.

Use personal protective equipment as required.

#### Any incompatibilities

Acids, Oxidizing agents, peroxides should not be mixed with the chemicals.

#### Advice on general occupational hygiene

Do not get in eyes, on skin, or on clothing.

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

Wash hands thoroughly after handling.

### 7.2 Storage

#### Conditions for safe storage

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

Keep cool. Protect from sunlight.

(Incompatible storage condition)

Keep out of reach of children.

Container and packaging materials for safe handling data is not available.

### 7.3 Specific end use(s)

Material for art, craft, and hobby use.

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## 8. Exposure controls/personal protection

### 8.1 Control parameters

#### Adopted value

(Silver)

ACGIH(1992) TWA: 0.1mg-Ag/m<sup>3</sup> (Argyria)

(Starch)

ACGIH(1992) TWA: 10mg/m<sup>3</sup> (Dermatitis)

### 8.2 Exposure controls

#### Appropriate engineering controls

Do not use in areas without adequate ventilation.

Washing facilities should be available.

#### Individual protection measures

##### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

##### Hand protection

Wear protective gloves. Recommended material(s): impermeable or chemical resistant rubber

##### Eye protection

Wear safety glasses with side-shields or chemical safety goggle.

##### Skin and body protection

Wear protective clothing.

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## 9. Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

Physical state: Solid

Color: White brown

Odor: Slightly characteristic odor

Odor threshold data is not available.

Melting point/Freezing point data is not available.

Boiling point or initial boiling point data is not available.

Boiling range data is not available.

Flammability (gases, liquids and solids) data is not available.

Lower and upper explosion limit/flammability limit data is not available.

Flash point data is not available.

Auto-ignition temperature data is not available.

Decomposition temperature data is not available.

pH data is not available.

Kinematic viscosity data is not available.

Solubility:

Solubility in water data is not available.

Solubility in solvent data is not available.

n-Octanol/water partition coefficient data is not available.

Vapor pressure data is not available.

Vapor density data is not available.

Density and/or relative density data is not available.

Relative vapor density (Air=1) data is not available.

No Particle characteristics data is not available.

### 9.2 Other information

Other information is not available.

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## 10. Stability and Reactivity

### 10.1 Reactivity

Reactivity data is not available.

### 10.2 Chemical stability

Stable under normal storage/handling conditions.

### 10.3 Possibility of hazardous reactions

Possibility of hazardous reactions data is not available.

### 10.4 Conditions to avoid

Conditions to avoid data is not available.

### 10.5 Incompatible materials

Acids, Oxidizing agents, peroxides

### 10.6 Hazardous decomposition products

Hazardous decomposition products data is not available.

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## 11. Toxicological Information

### 11.1 Information on toxicological effects

Acute toxicity data is not available.

Irritant properties

Skin corrosion/irritation data is not available.

Serious eye damage/irritation data is not available.

Allergenic and sensitizing effects data is not available.

Mutagenic effects data is not available.

Carcinogenicity

(Starch)

ACGIH-A4(1992) : Not Classifiable as a Human Carcinogen

Teratogenic effects data is not available.

Reproductive toxicity data is not available.

STOT

STOT-single exposure data is not available.

STOT-repeated exposure data is not available.

Aspiration hazard data is not available.

11.2 Information on other hazards

Data on the preparation itself is not available.

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12. Ecological Information

12.1 Ecotoxicity

Ecotoxicity data is not available.

Water solubility

(Silver)

none (ICSC, 1997)

(Starch)

none (ICSC, 2004)

12.2 Persistence and degradability

Persistence and degradability data is not available.

12.3 Bioaccumulative potential

Bioaccumulative potential data is not available.

12.4 Mobility in soil

Mobility in soil data is not available.

12.5 Results of PBT and vPvB assessment

PBT and/or vPvB assessment data is not available.

12.6 Endocrine disrupting properties

Endocrine disrupting properties is not available.

12.7 Other adverse effects

Ozone depleting chemical data is not available.

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13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging

13.1 Waste treatment methods

Dispose of contents/container in accordance with local/national regulation.

Dispose to an authorized waste collection point.

Do not dump into sewers, on the ground or into any body of water.

Contaminated packing

Dispose of container after using the contents completely.

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14. Transport Information

UN No., UN CLASS

14.1 UN No. or ID No.: Not applicable

14.2 UN Proper Shipping Name : Not applicable

14.3 Class or division (Transport hazard class) : Not applicable

14.4 Packing group : Not applicable

Not applicable to IMDG Code

Not applicable to IATA Dangerous Goods Regulations

#### 14.5 Environmental hazards

MARPOL Annex III – Prevention of pollution by harmful substances

Marine pollutants (yes/no) : no

#### 14.6 Special precautions for user

Special precautions for user is not applicable.

#### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable to Maritime transport in bulk according to IMO instruments

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### 15. Regulatory Information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Other information is not available.

#### Other regulatory information

Ensure this material in compliance with federal requirements and ensure conformity to local regulations.

#### 15.2 Chemical safety assessment

Advice on safe handling for this product can be found in sections 7 and 8 of this SDS.

No chemical safety assessment has been carried out for this product.

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### 16. Other information

#### Reference Book

Globally Harmonized System of classification and labelling of chemicals, (7th revised edition, 2017), UN

Recommendations on the TRANSPORT OF DANGEROUS GOODS 20th edit., 2017 UN

IMDG Code, 2018 Edition (Incorporating Amendment 39-18)

IATA Dangerous Goods Regulations (61th Edition) 2020

Classification, labelling and packaging of substances and mixtures (Table 3 ECNO6182012)

2016 EMERGENCY RESPONSE GUIDEBOOK (US DOT)

2020 TLVs and BEIs. (ACGIH)

<http://monographs.iarc.fr/ENG/Classification/index.php>

JIS Z 7252 : 2019

JIS Z 7253 : 2019

2019 Recommendation on TLVs (JISOH)

Supplier's data/information

GESTIS-Stoffdatenbank

Pub Chem (OPEN CHEMISTRY DATABASE)

#### General Disclaimer

This data sheet was created based on the information we currently have and may be revised according to new information. In addition, the precautions apply only to normal handling,

and in the case of special handling, please make adequate countermeasure to maintain your safety.

The GHS classification data given here is based on current EU official data (EU CLP published in 01.05.2020).