

1673.
MATERIAL SAFETY DATA SHEET

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MANUFACTURE INFORMATION

CORPORATION : AIDA CHEMICAL INDUSTRIES CO., LTD.
ADDRESS : 6-28-3 Minami-Cho Fuchu-SHI Tokyo, Japan Zip 183-0026
DEPARTMENT : Product Development
PERSON IN CHARGE : Makoto Miyata
TEL NO. : 042-366-8661
FAX NO. : 042-366-5861
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9713471
9715472

PRODUCT NAME : ART CLAY SILVER

SPECIFICATION OF SUBSTANCE

CLASSIFICATION OF PRODUCT : Mixture

CHEMICAL NAME : Silver/Binder

COMPONENTS PERCENTAGE : Silver 80-95% Binder 5-20%

OFFICIAL REFERENCE NO. : N/D

CAS NO. : N/D

U. N. CLASSIFICATION AND NO. : N/D

CLASSIFICATION OF DANGEROUS TOXICITY

CLASSIFICATION : N/A

DANGEROUS POSSIBILITY : N/A

TOXICITY : May cause disorder by powder dust depends on handling.

Abbreviations: N/D - Not Determined N/A - Not Applicable

**ENVIRONMENTAL
INFLUENCES**

: Silver is the material comes under the Natural Resource Recovery and Protection law (toxic waste regulation) which set the elut standards (solution of PH2.88) and causes the environmental bu depends on it's chemical compound and simple substance condition.

FIRST-AID TREATMENT

EYE CONTACT : Immediately flush eyes with large amounts of water until no foreign body is felt. Get immediate medical attention.

SKIN CONTACT : Wash well with soap and water.

INHALATION : Blow nose and gargle. If signs / symptoms occur, remove person to fresh air. If signs / symptoms continue, call a physician.

IF SWALLOWED : Rinse out and gargle mouth well with clear water. Consult a doctor immediately.

FIRE-FIGHTING MEASURES

EXTINGUISHING : Use water, powder(dry chemical), or carbon dioxide on a small scale fire. Use the water spray extinguisher on a large scale fire. Put on the protection like an organic gas prevention mask or the air respirator not to inhale gas and smoke.

EXTINGUISHER : Water, powder(dry chemical), carbon dioxide.

MEASURES ON LEAKAGE : Remove by vacuuming and wash

NOTES FOR HANDLING AND CUSTODY

HANDLING : Put on dust protection mask and gloves if necessary.

CUSTODY : Keep in cool and dark place avoiding direct sunlight.

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EXPOSURE CONTROLS

CONCENTRATION : N/D
IN CUSTODY

MAXIMUM : N/D
CONCENTRATION

MEASURE TO : Install the ventilation system.
INSTALL

PROTECTIONS : Put on protection mask, glasses, and gloves.

PHYSICAL / CHEMICAL CHARACTERISTIC

APPEARANCE : Whitish look

ODOR : None

BOILING POINT : Silver/2155 $\text{\textcircled{C}}$ /3911 $\text{\textcircled{F}}$ Binder/ N/A

MELTING POINT : Silver/961 $\text{\textcircled{C}}$ /1761.8 $\text{\textcircled{F}}$ (in vacuumed)
950 $\text{\textcircled{C}}$ /1742 $\text{\textcircled{F}}$ (in equilibrium to oxygen)
Binder/ N/A

SOLUBILITY : Silver/insoluble in water
soluble in nitric acid
Binder/soluble easily

HAZARDOUS INFORMATION

FLASH POINT : Silver/not catch fire
Binder/ N/A

IGNITION POINT : Silver/not ignite
Binder/approximately 300~400 $\text{\textcircled{C}}$ /572~752 $\text{\textcircled{F}}$

COMBUSTIBLE : Silver/incombustible
Binder/combustible

OXIDATION : Silver/none
Binder/none

TOXICITY INFORMATION

SKIN CORROSION : N/D

STIMULATION : N/D

ACUTE TOXICITY : N/D

INERTIA TOXICITY : May change color of the eyes, nose, throat, and skin by silver contacting.

CARCINOGENIC RISK : N/D

VARIATION RISK : N/D

REPRODUCTIVE : N/D

TOXICITY

ENVIRONMENTAL INFLUENCE INFORMATION

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DECOMPOSITION : N/D
ACCUMULATION : N/D
MARINE TOXICITY : N/D
OTHERS : N/D

DISPOSAL : Follows the handling of general industrial waste.
INSTRUCTION

TRANSPORT INSTRUCTION

: Seal up not for the sunlight (ultraviolet rays) in. Keep in custody at 5°C - a room temperature. Make sure that load up not to be fall, tumbled, and damaged. Carry with the cart as gathered would be heavy.

APPLIED LAW : Silver/not applied
: Binder/As a synthetic resin sort of specified combustibles apply to the Dangerous Substance Regulation Law, Article 1-12.

OTHER INFORMATION

REFERENCE DATA : CHEMICAL ENCYCLOPAEDIA (KYORITSU PUBLISHING)
THE GUIDE FOR SAFETY DATA SHEET (JAPANESE CHEMICAL INDUSTRY ASSOCIATION)

(HANDLING OF THIS DATA SHEET)

As the contents above are based on the data, collected so far. It will be updated and reissued as needed. This is a data and evaluation sheet to distribute as information, not guaranteed.

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