

# SAFETY DATA SHEET

## PC 1 SATURATION METALLIC

### 1. Identification

#### Product identifier

**Product name** PC 1 SATURATION METALLIC

**Product number** PC 1 SATURATION METALLIC

#### Recommended use of the chemical and restrictions on use

**Application** ceramic glaze

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

##### Supplier

American Art Clay Co Inc  
6060 Guion Road  
Indianapolis,  
IN 46254-1222  
USA  
Toll Free: 1-800-925-5195 ext. 1303  
Local: 1-317-243-0066 ext. 1303

#### Emergency telephone number

**Emergency telephone** 1 317 243 0066 ext. 1303 Mon-Fri, 0900-1700 EST

### 2. Hazard(s) identification

#### Classification of the substance or mixture

**Physical hazards** Not Classified

**Health hazards** Acute Tox. 4 - H302

#### Label elements

##### Pictogram



**Signal word** Warning

**Hazard statements** H302 Harmful if swallowed.

**Precautionary statements** P264 Wash contaminated skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P301+P312 If swallowed: Call a poison center/ doctor if you feel unwell.  
P330 Rinse mouth.  
P501 Dispose of contents/ container in accordance with national regulations.

##### **Supplemental label information**

WARNING: MAY BE HARMFUL IF SWALLOWED. Contains: COPPER. PRECAUTIONS: Keep in original container. Wash hands immediately after use. When using do not eat, drink or smoke. NOT FOR SPRAY APPLICATION. NOT FOR USE IN HEALTH CARE FACILITIES. KEEP OUT OF REACH OF CHILDREN. FIRST AID TREATMENT: If swallowed get prompt medical attention. For further information, contact a national poison control number; 800-222-1222.

#### Other hazards

none present

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### 3. Composition/information on ingredients

#### Mixtures

<b>Copper Oxide</b>	<b>1-5%</b>
CAS number: 1317-38-0	
<b>Classification</b>	
Not Classified	

The full text for all hazard statements is displayed in Section 16.

**Composition comments** Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.

### 4. First-aid measures

#### Description of first aid measures

##### General information

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##### Ingestion

Do not induce vomiting. Give a few small glasses of water or milk to drink. Never give anything by mouth to an unconscious person. Get medical attention if any discomfort continues.

##### Skin Contact

IF ON SKIN: Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

##### Eye contact

IF IN EYES: Get medical attention if irritation persists after washing.

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

##### Inhalation

Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust / mist can and may aggravate irritation of the throat and lungs.

##### Ingestion

Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.

##### Skin contact

Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.

##### Eye contact

Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.

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

##### Notes for the doctor

Treat symptomatically.

### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire.

#### Special hazards arising from the substance or mixture

##### Specific hazards

The product is not believed to present a hazard due to its physical nature.

#### Advice for firefighters

##### Special protective equipment for firefighters

Use protective equipment appropriate for surrounding materials.

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### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

#### Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

#### Methods and material for containment and cleaning up

**Methods for cleaning up** Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into suitable waste disposal containers and seal securely.

**Reference to other sections** For waste disposal, see Section 13. For personal protection, see Section 8.

### 7. Handling and storage

#### Precautions for safe handling

**Usage precautions** Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

#### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry and cool place.

#### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.

### 8. Exposure Controls/personal protection

**Ingredient comments** Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

#### Copper Oxide (CAS: 1317-38-0)

**Immediate danger to life and health** 100 mg/m<sup>3</sup>

#### Exposure controls

**Appropriate engineering controls** No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.

**Eye/face protection** No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.

**Hand protection** No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.

**Hygiene measures** Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.

**Respiratory protection** No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

### 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

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<b>Appearance</b>	Colored liquid.
<b>Color</b>	Various colors.
<b>Odor</b>	Almost odorless.
<b>Odor threshold</b>	No information available.
<b>pH</b>	6-8
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapor pressure</b>	No information available.
<b>Relative density</b>	Greater than 1.0
<b>Solubility(ies)</b>	Not applicable.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	none
<b>Oxidizing properties</b>	none
<b>Other information</b>	Not applicable.

### 10. Stability and reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
<b>Stability</b>	No particular stability concerns.
<b>Possibility of hazardous reactions</b>	None known.
<b>Conditions to avoid</b>	None known.
<b>Materials to avoid</b>	None known.
<b>Hazardous decomposition products</b>	None known.

### 11. Toxicological information

#### Information on toxicological effects

<b>Toxicological effects</b>	Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).
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### Acute toxicity - oral

ATE oral (mg/kg) 500.0

### Acute toxicity - inhalation

ATE inhalation (dusts/mists mg/l) 60.24

### Skin corrosion/irritation

### Skin sensitization

**Skin sensitization** Please read Section 2 thoroughly to understand the toxicological risks (if any) and precautions for safe use (if any).

**Eye contact** May cause temporary eye irritation.

## 12. Ecological Information

**Ecotoxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

### Persistence and degradability

**Persistence and degradability** No data available.

**Biodegradation** Not inherently biodegradable.

### Bioaccumulative potential

**Partition coefficient** No information available.

### Mobility in soil

**Mobility** Semi-mobile.

### Other adverse effects

**Other adverse effects** None known.

## 13. Disposal considerations

### Waste treatment methods

**General information** Dispose of waste product or used containers in accordance with local regulations. When handling waste, the safety precautions applying to handling of the product should be considered.

## 14. Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).

### UN Number

Not applicable.

### UN proper shipping name

Not applicable.

### Transport hazard class(es)

No transport warning sign required.

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### Packing group

Not applicable.

### Environmental hazards

#### **Environmentally Hazardous Substance**

Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.

### Special precautions for user

Not applicable.

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78  
and the IBC Code

## 15. Regulatory information

### US State Regulations

#### **California Proposition 65 Carcinogens and Reproductive Toxins**

Known to the State of California to cause developmental and reproductive toxicity.

*lithium carb*

1-5%

#### **Massachusetts "Right To Know" List**

*zinc oxide*

1-5%

*lithium carb*

1-5%

*aluminium oxide*

1-5%

*Hydrated Aluminium Silicate*

1-5%

*2-aminoethanol*

<1%

#### **Rhode Island "Right To Know" List**

*zinc oxide*

1-5%

*aluminium oxide*

1-5%

*Hydrated Aluminium Silicate*

1-5%

*2-aminoethanol*

<1%

#### **Minnesota "Right To Know" List**

*zinc oxide*

1-5%

*aluminium oxide*

1-5%

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*Hydrated Aluminium Silicate*

1-5%

*Seqlene*

<1%

*2-aminoethanol*

<1%

### New Jersey "Right To Know" List

*zinc oxide*

1-5%

*lithium carb*

1-5%

*aluminium oxide*

1-5%

*Hydrated Aluminium Silicate*

1-5%

*manganese dioxide*

1-5%

*Seqlene*

<1%

*2-aminoethanol*

<1%

### Pennsylvania "Right To Know" List

*zinc oxide*

1-5%

*aluminium oxide*

1-5%

*Hydrated Aluminium Silicate*

1-5%

*2-aminoethanol*

<1%

### Inventories

#### Canada - DSL/NDSL

All the ingredients are listed or exempt.

#### US - TSCA

All the ingredients are listed or exempt.

#### US - TSCA 12(b) Export Notification

All the ingredients are listed or exempt.

### 16. Other information

#### General information

The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Feldspar68476-25-5, Non Lead Frit65997-18-4, Nepheline Syenite37244-96-5 Gillespie Borate

#### Revision date

9/7/2017

## PC 1 SATURATION METALLIC

<b>Revision</b>	41
<b>Supersedes date</b>	12/8/2016
<b>SDS No.</b>	5405
<b>Hazard statements in full</b>	H302 Harmful if swallowed.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.