

## SAFETY DATA SHEET

### PC 20 BLUE RUTILE

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010  
Commission Regulation (EU) No 2015/830 of 28 May 2015.

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

**Product name** PC 20 BLUE RUTILE

**Product number** PC 20 BLUE RUTILE

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

**Identified uses** ceramic glaze

##### 1.3. 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

##### 1.4. Emergency telephone number

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

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

**Physical hazards** Not Classified

**Health hazards** Not Classified

**Environmental hazards** Not Classified

##### 2.2. Label elements

**Hazard statements** EUH208 Contains 2,2,2 Hexahydro-1,3,5-triazine-1,3,5 triyl triethanol. May produce an allergic reaction.

##### 2.3. Other hazards

none present

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

<b>silica</b>	<b>10-30%</b>
CAS number: 14808-60-7	EC number: 238-878-4
<b>Classification</b>	
STOT RE 1 - H372	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

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

#### SECTION 4: First aid measures

## PC 20 BLUE RUTILE

### 4.1. Description of first aid measures

<b>General information</b>	--
<b>Ingestion</b>	Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Wash skin thoroughly with soap and water.
<b>Eye contact</b>	Rinse with water.

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

<b>Inhalation</b>	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.
<b>Ingestion</b>	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
<b>Skin contact</b>	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.
<b>Eye contact</b>	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.

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

<b>Notes for the doctor</b>	Treat symptomatically.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Use fire-extinguishing media suitable for the surrounding fire.
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### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	The product is not believed to present a hazard due to its physical nature.
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### 5.3. Advice for firefighters

<b>Special protective equipment for firefighters</b>	Use protective equipment appropriate for surrounding materials.
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## SECTION 6: Accidental release measures

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

<b>Personal precautions</b>	For personal protection, see Section 8.
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### 6.2. Environmental precautions

<b>Environmental precautions</b>	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.
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### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material
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### 6.4. Reference to other sections

<b>Reference to other sections</b>	For waste disposal, see Section 13. For personal protection, see Section 8.
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## SECTION 7: Handling and storage

## PC 20 BLUE RUTILE

### 7.1. Precautions for safe handling

**Usage precautions** Read label before use. 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.

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

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

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

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

### 8.2. Exposure controls

**Appropriate engineering controls** No specific ventilation 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.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Coloured liquid.
<b>Colour</b>	Various colours.
<b>Odour</b>	Almost odourless.
<b>Odour 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>Vapour pressure</b>	No information available.

## PC 20 BLUE RUTILE

<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>Oxidising properties</b>	none

### 9.2. Other information

<b>Other information</b>	Not applicable.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

<b>Stability</b>	No particular stability concerns.
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### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	None known.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	None known.
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### 10.5. Incompatible materials

<b>Materials to avoid</b>	None known.
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### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	None known.
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## SECTION 11: Toxicological information

### 11.1. 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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### Skin corrosion/irritation

### Skin sensitisation

<b>Skin sensitisation</b>	Please read Section 2 thoroughly to understand the toxicological risks (if any) and precautions for safe use (if any).
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<b>Eye contact</b>	May cause temporary eye irritation.
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## SECTION 12: Ecological Information

## PC 20 BLUE RUTILE

**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.

### 12.1. Toxicity

### 12.2. Persistence and degradability

**Persistence and degradability** No data available.

**Biodegradation** Not inherently biodegradable.

### 12.3. Bioaccumulative potential

**Partition coefficient** No information available.

### 12.4. Mobility in soil

**Mobility** Semi-mobile.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. 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.

## SECTION 14: Transport information

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

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

#### **Environmentally hazardous substance/marine pollutant**

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.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

## PC 20 BLUE RUTILE

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

### SECTION 15: Regulatory information

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

<b>National regulations</b>	Health and Safety at Work etc. Act 1974 (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
<b>EU legislation</b>	Dangerous Preparations Directive 1999/45/EC. Dangerous Substances Directive 67/548/EEC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

#### 15.2. Chemical safety assessment

Not applicable.

#### Inventories

##### US - TSCA

All the ingredients are listed or exempt.

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

All the ingredients are listed or exempt.

### SECTION 16: Other information

<b>General information</b>	Water7732-18-5, Feldspar68476-25-5, Non Lead Frit65997-18-4, Nepheline Syenite37244-96-5 Gillespie Borate
<b>Revision date</b>	30/10/2018
<b>Revision</b>	41
<b>Supersedes date</b>	07/09/2017
<b>SDS number</b>	5409
<b>Hazard statements in full</b>	H372 Causes damage to organs through prolonged or repeated exposure. EUH208 Contains 2,2,2 Hexahydro-1,3,5-triazine-1,3,5 triyl triethanol. May produce an allergic reaction.

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.