

MATERIAL SAFETY DATA SHEET 14 (ARTISTONE)

Revision: Number 3
Date 7 February 2012

SECTION 1 Product & Supplier Identification

Product Name : Artistone
Other Names : None
Company : Educational Colours Pty Ltd
Address : P.O. Box 657, Croydon, Victoria, Australia 3153
Telephone : (03) 9729-0788 **After Hours :**

USE : Modelling medium to be mixed with water. Allow to set and then carve to desired shape.

SECTION 2 Hazards Identification

Not classified as hazardous according to the criteria of Worksafe Australia

Dangerous Goods Class/Subsidiary Risk : None

Safety / Risk Phrases : None

SECTION 3 Ingredient Composition / Information

<u>Chemical Entity</u>	<u>CAS No.</u>	<u>Proportion (to 100%)</u>
Cement*	65997-15-1	<90%

* This product contains a small quantity of crystalline silica (quartz). The average crystalline silica content of the final product is between 0.1-1.0%.

SECTION 4 First Aid Measures

Swallowed : Rinse mouth and lips with water. Do not induce vomiting. Drink copious amounts of water. Seek medical attention if symptoms persist.

Eye : Irrigate with copious quantities of water for atleast 15 minutes, lifting eye lids occasionally. Seek medical attention if irritation persists.

Skin : Wash off with soap and water.

Inhalation

of Vapours : Remove affected person to a well ventilated area. Seek medical attention if discomfort persists.

MATERIAL SAFETY DATA SHEET 14 (ARTISTONE)

SECTION 5

Fire Fighting Measures

Extinguishing Media : Use extinguisher in accordance with primary source of fire.

Fire / Explosion

Hazards : Product is not flammable. Does not cause dust explosions.

Flammability: Product is not flammable.

SECTION 6

Accidental Release Measures

Spills & Disposal : Heed advice under Section 8 "Personal Protection". Vacuum or sweep up dry product place into clearly labelled containers for disposal in accordance with local regulations. Do not hose into drains as blockages may occur when product sets.

SECTION 7

Handling & Storage

General : Avoid creating excessive dust. Wear Personal Protective Equipment, especially a suitable respirator. Keep product dry at all times. Store in a dry location.

SECTION 8

Exposure Controls / Personal Protection

Exposure Standards : NOHSC - The average TWA (Time Weighted Average) for cement : 10mg/m³
- Crystalline Silica : 0.1mg/ m³ TWA as respirable dust.

Engineering Controls : Avoid generating dust. General dust extraction should be sufficient.

Personal Protection : Use and maintain good industrial hygiene. Wear suitable respirator Class P1 or P2. Avoid skin and eye contact by wearing impervious gloves and goggles. Always wash hands after use. Do not eat, smoke or drink when handling this product.

SECTION 9

Physical & Chemical Properties

Appearance : Grey to off white powder.

Odour : Low odour.

pH : Not applicable

Vapour Pressure : Not available

Boiling Point : Not available

Melting Point : Not applicable

Solubility in water : Low

Specific Gravity : Between 1.10 – 1.30

Flammability Limits : Not flammable

MATERIAL SAFETY DATA SHEET 14 (ARTISTONE)

SECTION 10

Stability & Reactivity

- Chemical Stability :** This product is considered to be stable.
- Conditions to avoid :** No specific data available for this product. However, it is recommended that sources of moisture be avoided, as product will set.
- Incompatible Materials :** Not listed
- Hazardous Decomposition :** Not flammable.
- Hazardous Reactions :** This product will not undergo hazardous polymerisation.

SECTION 11

Toxicological Information

There is no specific toxicity information available for this product. There are no adverse health effects expected if the product is handled in accordance with this Safety Data Sheet. Symptoms that may arise if the product is mishandled are;

Health Effects - Acute :

- Swallowed :** Ingestion may result in abdominal discomfort. Corrosive to mouth and throat.
- Eye :** Irritant, may cause watering and redness.
- Skin :** Prolonged contact may cause minor irritation in some individuals.
- Inhalation :** May cause irritation of the respiratory system, resulting in coughing and sneezing.

Chronic Effects : No known serious effects.

Inhalation : Repeated inhalation of dust containing crystalline silica can cause bronchitis, silicosis and lung cancer. It may also increase the risk connective tissue ailments.

Additional Information : (i) This product contains no wheat, gluten, soy, shell fish, egg, dairy or peanut products, by-products or derivatives.

SECTION 12

Ecological Information

- Ecotoxicity :** No specific data is available for this product. However, do not release this product or any water contaminated with this product into drains, soils or waterways. Dispose of contaminant in accordance with local landfill regulations.
- Persistence / Degradation :** No specific data available.
- Mobility :** No specific data available.

MATERIAL SAFETY DATA SHEET 14 (ARTISTONE)

SECTION 13

Disposal Considerations

Disposal Methods : Dispose of this product and any water contaminated with this product in accordance with local regulations. The container in which the product is / was contained should also be disposed of in accordance with local regulations.

Landfill / Incineration

Precautions : Disposal of contaminant should be in accordance with local regulations for approved landfill.

SECTION 14

Transport Information

U.N. Number : None allocated
Shipping Name : None allocated
D.G. Class & Sub Risk : None allocated
Packing Group : None allocated
Special Precautions : No special precautions for transport
Hazchem Code : None

SECTION 15

Regulatory Information

Poisons Schedule : None allocated

Additional Requirements : None

All components are listed in the Australian Inventory of Chemical Substances.

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