

**UFFICIO**

L'ARCA srl con socio unico
Via Sant'Andrea 38/B
56029-Santa Croce Sull'Arno
PISA-ITALY
P.IVA/C.F. 02070040502
Reg.Imprese di Pisa
REA: 178450

TEL.

+390571 1830270

FAX

+390571 1830882

E-MAIL

info@arcacolours.com

WEB

www.arcacolours.com

MSDS of Arcpearl® AC 100

Material Safety Data Sheet

Arcpearl® AC 100

MSDS No.: AC100

Effective Date: 2008.12.20

Edition: Original

1. Product & Supplier Identification

PRODUCT

Chemical name: Mixture
Product name: AC100
Product Codes: AC100

SUPPLIER

L'ARCA SRL
VIA S.ANDREA 38/B, S.CROCE S/ARNO(PI)
PH. +3905711830270

2. Composition/Information on Ingredients

Ingredients	Chemical Name	CAS No.	CI No.	% (by weight)
Mica	Mica	12001-26-2	77019	70 ~ 74
TiO ₂	Titanium dioxide	13463-67-7	77891	26 ~ 30

Hazard Symbols: None Listed.

Risk Phrases: None Listed.

3. Hazards Identification

EMERGENCY OVERVIEW

Form: A white powder
Color: White reflection with luster
Odor: Odorless
Flash Point: Not applicable
Most important hazards: Long-term inhalation may cause pulmonary damnification

POTENTIAL HEALTH EFFECTS

Eye: Dust may cause irritation and inflammation
Skin: Commonly no irritation and inflammation on shin
Ingestion: Generally absorbing a little will not arise discomfort.
Inhalation: Long-term inhalation may cause pulmonary damnification
Chronic illness: Chronic inhalation may cause pulmonary fibrosis

4. First Aid Measures

SUMMARY OF FIRST AID AS FOLLOWS

Eyes: Immediately flush with plenty of water about 15 minutes. If discomfort persists, get medical aid.

Skin: Wash with plenty of soap and water. If discomfort persists, get medical aid.

Ingestion: If victim is induce vomiting, give 2-4 cupfuls of milk or water, get medical aid.

Inhalation: Move person to fresh air, If the breathing is difficult, get medical aid.

5. Fire-Fighting Measure

GENERAL INFORMATION:

Flash Point: Not applicable

Autoignition temperature: Non- Autoignition

Lower explosive limit: Not applicable

Upper explosive limit: Not applicable

Suitable extinguishing media: Not burn, use routine media to extinguishing surrounding fire.

Fire fighting media: Positive pressure, self-contained breathing apparatus.

Explosion hazards: Not explosion hazard.

6. Accidental Release Measures

Personal precautions: Use proper personal protective equipment as indicated in 8 part.

Spills / Leaks: Vacuum or sweep up material and place it into a suitable disposal container.

Clean up spills immediately, avoid generating the phenomenon of dust.

7. Handling and Storage

Handling: Avoid generating dust, avoid ingestion, inhalation and contact with eyes.

Storage: Store in a cool and dry, keep packages closed, location away from other material.

8. Exposure Controls

ENGINEERING CONTROLS

Equipped with wash water, keep adequate ventilation.

PERSONAL PROTECTIVE EQUIPMENT

Respirator: Dust proof respirator.

Gloves: Rubber or Plastic

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles.

Skin: Wear appropriate commonly exposure suit to prevent skin contact.

Other Precautions: Plastic apron, sleeves, boots – if handling large quantities.

9. Physical and Chemical Properties

Physical State: Solid

Appearance: A white powder

Color: White reflection with luster

Odor: Odorless

Boiling point: Not applicable

Melting point: > 900 °C

Freezing point: Not applicable

Vapor pressure: Not applicable

Solubility: soluble in water or solvent

Electric conduction: Non-conduction

Auto-flammability: Not Auto-flammability

Particle size: 10-60 µm

PH value: 6 ~ 9 (10% aqueous slurry)

Specific Gravity / Density: 2.4 ~ 3.0 g/cm³

Bulk density: 15~ 21 g/100ml

Loss on drying: < 0.5% (By weight)

10. Stability and Reactivity

Stability Data: Stable, acid and alkali resistance under the normal temperatures.

Hazards to avoid: No data available

Materials to avoid: No data available

Hazardous decomposition products: No data available

11. Toxicological information

GENERAL INFORMATION: Avirulent

After inhalation: Avirulent, but may be irritate, long-term inhalation may cause pulmonary damnification.

After eye contact: Avirulent, but may be irritate.

After skin contact: Avirulent, but may be irritate.

After ingestion: Avirulent, but may be irritate.

FURTHER DATA

The results of animal experiments using pigment of this type indicate no toxicological relevant properties.

No evidence of carcinogenic properties. No evidence of mutagenic or teratogenic effects.

12. Ecological information

No environmental hazard is anticipated provided that the material is handled and disposed with due care and attention.

13. Disposal Considerations

Dispose of in a manner consistent with federal, state and local regulation.

14. Transport Information

It should be suitable for all common ways of transportation such as by Railway, Auto-car, Air and Sea etc.

The packing should be sound and puncture-proof, press-proof and damp-proof during transportation.

15. Regulatory Information

Indication of Danger: None

R - Phrases: Not applicable

S - Phrases: Not applicable

16. Other Information

For more information contact product safety at

L'ARCA Mr. Vivaldi Francesco

Ph. +3905711830270

NOTICE TO READER:

To the best of our knowledge, the information mentioned above is accurate. However, the final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee these are the only hazards existing.

Please ensure that this information is passed to the professionals who are capable of acting on it.