

# MICA AZUL

## FICHA DE SEGURIDAD

### 1. Product Identification

**Synonyms:** MICA AZUL

### 2. Composition/Information on Ingredients

| Ingredients        | Chemical Name      | %     | CAS No.    | CI No. |
|--------------------|--------------------|-------|------------|--------|
| Mica               | Mica               | 64-68 | 12001-26-2 | 77019  |
| TiO <sub>2</sub>   | Titanium Dioxide   | 31-35 | 13463-67-7 | 77891  |
| SnO <sub>2</sub>   | SnO <sub>2</sub>   | < 1   | 18282-10-5 | 77861  |
| Absorptive pigment | Absorptive pigment | ≤1    | --         | --     |

**Hazard Symbols:** None Listed.

**Risk Phrases:** None Listed.

### 3. Hazards Identification

**EMERGENCY OVERVIEW:** Not available. Not classified as dangerous according to EC Directive.

**Toxicity:** No toxicity and no stimulative effects on skin and mucous membrane.

Heavy metal content:

As ≤ 2ppm

Pb ≤ 2ppm

Hg ≤ 2ppm

Cr ≤ 5ppm

Ba ≤ 5ppm

Cd ≤ 5ppm

Cu ≤ 5ppm

Ni ≤ 5ppm

Zn ≤ 5ppm

**The most important hazards:** Powder Productions.

#### **Potential Health Effects**

**Eye:** Dust may cause mechanical irritation

**Skin:** No stimulative effects on skin

**Ingestion:** Dust is irritating to the respiratory tract. May cause pulmonary fibrosis and permanent damage when ingested large long time.

**Chronic illness:** Chronic inhalation may cause pulmonary fibrosis.

### 4. First Aid Measures

#### **Summary of first aid as follows:**

**Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes. If discomfort persists, get medical aid.

**Skin:** Directly flush skin with plenty of soap and water.

**Ingestion:** Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid.

**Inhalation:** Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If the breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation. Note to Physician.

## **5. Fire-Fighting Measure**

### **General Information:**

As in any fire, wear a self-contained breathing apparatus and full protective gear in Pressure- demand.

**Substance is non-combustible and it itself does not burn.**

**Suitable extinguishing media:** Water spray, foam, dry powder or carbon dioxide.

## **6. Accidental Release Measures**

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

**Spills / Leaks:** Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in the Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

## **7. Handling and Storage**

**Handling:** Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin.

**Storage:** The packages should be sound and puncture-proof, press-proof and damp-proof. Store in dry, well-ventilation.

## **8. Exposure Controls**

**Engineering Controls:** Facilities storing or utilizing, should be equipped with wash water. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

### **Personal Protective Equipment**

**Respirator:** Dust respirator (when dusts are generated)

**Gloves:** Rubber or Plastic

**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles.

**Skin:** Wear appropriate gloves to prevent skin exposure.

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

## **9. Physical and Chemical Properties**

**Physical State:** Solid

**Appearance:** A Pure Blue Powder with bright luster.

**Range of Particle Size:** 10-60µm, 94% of particle-size concentrated within the standard range.

**Odor:** Odorless

**pH:** Approximately 6 to 9 (10% aqueous suspension)

**Electric conduction:** Non-conduction

**Auto-flammability:** None reported.

**Decomposition Temperature:** Not available.

**Solubility:** Insoluble in water or solvent.

**Specific Gravity / Density:** 3.1~3.2g / cm<sup>3</sup>

**Bulk density:** 28~32g / 100ml

**Oil absorption:** 65-75g/100g

**Chemical Stability:** Acid and alkali resistance under the normal temperatures.

## **10. Stability and Reactivity**

**Stable**

**No data.**

## **11. Toxicological information**

**General Information:** It is avirulent and has a good chemical stability (like the water/ impregnant /acid/ alkali etc.). Does not contain any deleterious matters. Even now, you should avoid inbreathe to the best of your abilities because it is hard to be absorbed and decomposed by your body.

**After inhalation:** May be harmful.

**After eye contact:** May irritate.

**After skin contact:** No hazard expected after contact with small quantities.

**After ingestion:** No hazard expected after contact with small quantities.

## **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. Other information**

**Label particle size:**10-60µm

## **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.**