

# MICA POWDER PIGMENTS

## Material Safety Data Sheet

### 1. Identification of the Substance/Preparation and of the Company/Undertaking

Identification of the product

Product Name: Pearl pigment

Manufacturer/Supplier Identification

Company: RIKA Technology Co., Ltd

Distribution Company: Paint's Men Services Corp.

Address: 33182. Miami. Fl. EEUU

### 2. Hazards Identification

No hazardous product as specified in Directive 67/548/EEC.

### 3. Composition/Information on Ingredients

Mica coated with: Titanium dioxide and Tin oxide

Mica	55-80%	CAS NO.: 12001-26-2	C.I. NO.: 77019
Titanium dioxide (TiO <sub>2</sub> )	20-45%	CAS NO.: 13463-67-7	C.I. NO.: 77891

### 4. First Aid Measures

After inhalation (large amount of dusts): Consult doctors in the event of any complaints.

After skin contact: Wash off with plenty of water. Remove contaminated clothing

After eye contact: Rinse out with plenty of water with the eyelid wide open.

After swallowing (large amounts): Consult doctors if feeling unwell.

### 5. Fire-fighting Measures.

Suitable extinguishing media:

In adaptation to materials stored in the immediate neighborhood.

### 6. Accidental Release Measures

Procedures for cleaning/absorption:

Take up dry. Forward for disposal. Clean up affected area.

### 7. Handling and Storage

Handling:

No further requirements.

Storage:

Tightly closed. Dry. Storage temperature: no restrictions.

### 8. Exposure Controls/Personal Protection

Personal protective equipment:

Respiratory protection: required when dusts are generated, use inhaler if necessary.

Eye protection: required

Hand protection: not required.  
Protective clothing should be selected specifically for the working place, depending on concentration and quality of the Hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective suppliers.

Industrial hygiene: Wash hands after working with substance.

## 9. Physical and chemical Properties

Appearance: free flowing powder  
Odor: Odorless  
pH value: 6-10 (10% aqueous suspension)  
Density: 2.9-3.1g/cm<sup>3</sup> (20°C)  
Bulk density: 10-30g/100ml  
Oil absorption: 55-75g/100g  
Loss on drying: ≤0.5% (105°C)  
Melting point: not available  
Boiling point: not available  
Ignition temperature: not available  
Flash point: not available  
Explosion limit Lower: not available  
Upper: not available  
Relatively vapor density: not available  
Solubility in water: almost insoluble

## 10. Stability and Reactivity

Conditions to be avoided: not known to date.  
Substances to be avoided: no information available.  
Hazardous decomposition products: not known to date.  
Further information: none

## 11. Toxicological information

Acute toxicity  
Quantitative data on the toxicity of this product are not available.

### *Further toxicological information*

The results of animal experiments using pigments of this type indicate no toxicologically relevant properties. Since the substance is poorly absorbed, no hazardous properties are to be anticipated. Inhalation of the dusts should be avoided as even inert dusts may impair respiratory organ functions.

The individual test results were as follows:

Skin tolerance (rabbit): no irritant effect  
Eye irritation test (rabbit): no irritant effect  
Sensitization test (guinea pig): no sensitizing potential

Subchronic toxicity (rat): no findings up to 20,000ppm

## 12. Ecological information

Ecotoxic effects: Quantitative data on the ecological effect of this product are not available

Further ecologic data: No ecological problem are to be expected when the product is handled and used with due care and attention.

## 13. Disposal considerations

*Product:* There are no uniform EC Regulations for the disposal of chemicals or residues.

Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact either the authorities in charge or approved waste disposal companies, which will advise you on how to dispose of special waste.

*Packaging:* Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

## 14. Transport information.

*Land transport (ADR)* Not regulated

*Sea transport (IMDG)* Not regulated.

*Air transport (IATA)* Not regulated.

*Additional information.* Not information available

## 15. Regulatory information

Labelling according to EC Directives

Symbol: ---

R-phrases: ---

S-phrases: 22 Do not breathe dust.

## 16. Other information

Reason for alteration

General update.

Regional representation:

This information is given on the authorised Safety Data Sheet for your country.