

COLOUR IS OUR COMMITMENT



KOELIN – 197 (MICA), CI No. 77019
MATERIAL SAFETY DATA SHEET

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

1.1 Product identifier

Product name: Mica (Koelin – 197)

1.2 Relevant identified uses of the substance or mixture and uses advised against Suitable uses:

Coloring agent and Pigment

1.3 Details of the supplier of the safety data sheet

Koel Colours Private Limited

F – 11, Nand Jyot Industrial Premises, Andheri Kurla Road, Safed Pool, Saki naka, Andheri (East), Mumbai – 400 072 (India)

Phone No.: +91 22 677 234 56

Email : sales@koelcolours.in (For Domestic), sales.int@koelcolours.in (For International)

Section 02 : Hazards Identification

- Physical State and Appearance: Solid (odorless, off white to satin powder)
- Emergency Overview: May cause respiratory tract, eye and skin irritation.
- Routes of Entry: Eye contact and Inhalation. Ingestion (not anticipated).

Potential Acute Health Effects

- Eyes: May cause eye irritation. Symptoms include itching and redness after contact.
- Skin: May cause mild skin irritation. Symptoms include itching and redness after contact.
- Inhalation: May cause respiratory tract irritation. Symptoms include coughing, wheezing or shortness of breath when inhaled.
- Ingestion: Not an intended route of exposure. May be hazardous in case of ingestion. Symptoms include gastrointestinal tract upset and diarrhea.
- Potential Chronic Health Effects Additional information See Toxicological information (section 11)
- Medical Conditions Overexposure: Aggravated by Repeated or prolonged inhalation of any dust particulate may aggravate respiratory medical conditions.

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Phone no.: +91 22 677 23456, Fax No.: +91 22 677 23406,

Manufacturing Unit :

1. Plot No. Ex – 10, GIDC, Vapi, Gujarat
2. Plot No. 911, GIDC, Sarigam Gujarat
3. Plot 36, GIDC, Sarikha, Gujarat

Email.: sales@koelcolours.in (For India) sales.int@koelcolours.in (For Global)

Website : www.koelcolours.com, www.surfacetreatedpigments.com

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Section 03 : Composition / Information on Ingredients

Preparation contains:-

Potassium Aluminium Silicate, CAS No.: 12001-26-2, EINECS No.: 310-127-6

Section : 04 First – Aid measures

- Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If symptoms persist, seek medical attention.
- Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before reusing. Thoroughly clean shoes before reuse. If symptoms develop, seek medical attention.
- Inhalation: If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms persist, seek medical attention.
- Ingestion: Do not ingest. If this material is swallowed, call a physician immediately. Do NOT induce vomiting

Section 05 : Fire – Fighting measures

- Flammability: Non-flammable
- Fire Fighting Media and Instructions: In case of fire, use water spray (fog), foam, dry chemical, or CO2
- Protective Clothing (fire): Wear self-contained breathing apparatus and full protective clothing.

Section 06 : Accidental release measures

Spill and Leak: Use a tool to scoop up solid or absorbed material and place into appropriate labeled waste container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional regulatory requirements. Check TLV in section 8 of MSDS and with local authorities. Spill Kit information: No specific spill kit required for this product.

Section 07 : Handling and Storage

- Handling:

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Avoid generating dust. Avoid breathing dust. Use only with adequate ventilation. Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Keep container closed. Wash thoroughly after handling.

- Storage:

Keep container dry. Keep containers sealed until ready for use.

Section 08 : Exposure controls / Personal Protection

- Engineering Controls

The use of local exhaust ventilation is recommended.

- Personal Protection

NIOSH approved dust respirators are recommended when handling in areas of pigment dusting. Safety glasses are also recommended. Impervious clothing should be worn when gross contact is likely, such as when cleaning up spills of large amounts.

- Exposure Limits

There are no ACGIH TLV's or OSHA PEL's established for this product.

The OSHA PEL for nuisance dust is 15 mg/m³ (total dust), and 5 mg/m³ (respirable dust) recommended. The recommended ACGIH TLV for nuisance dust is 10 mg/m³.

Section 09 : Physical and Chemical properties

9.1 Information on basic physical and chemical properties

General information

Appearance

Physical state: Solid powder

Colour: white

Odour: Odourless

Important health, safety and environmental information

Melting point: No specific data

Bulk density: No specific data

Solubility in water : Insoluble

9.2 Other information: No additional information.

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Section 10 : Stability and reactivity

- Stable: Stable
- Hazardous Polymerization: None
- Incompatibility: Strong acids
- Hazardous Decomposition Products: Carbon dioxide

Section 11 : Toxicological Information

GENERAL

Based upon industry-wide experience over many years of manufacturing and published toxicological studies, cosmetic pigments in general are considered to have low levels of toxicity. There is no evidence of harmful effects from available information. There are no established permissible exposure limits for this product. Sun Chemical Corporation have not performed any animal testing on this material in the last 5 years.

ACUTE (SHORT-TERM) TOXICITY

Skin contact: Irritation not expected. No evidence of harmful effects from available information.

Eye contact: Irritation not expected. High dust concentrations may cause mechanical irritation, as is typical with any finely divided powder.

Inhalation: Not expected to be an inhalation hazard. Excessive levels of dusts may result in discomfort after repeated or prolonged exposures.

Ingestion: No adverse effects known, and is believed to be practically non-toxic by ingestion. Based upon data from similar products, the acute oral LD50 value is expected to be greater than 50 g/kg.

CHRONIC (LONG-TERM) TOXICITY

No known published data available and no adverse effects expected.

MUTAGENICITY

No mutagenic effects known or expected.

Section 12 : Ecological Information

This product has not been evaluated for its ecotoxicity. However, the biodegradation of organic colorants under aerobic conditions is expected to be poor and there is no evidence to suggest

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they create any significant ecological problems when released into the environment. Since organic pigments are generally insoluble compounds, they are believed to have minimal bioaccumulation and bioavailability characteristics.

Section 13 : Disposal considerations

General

- This product must be disposed of in accordance with all applicable federal, state and local regulations.

Waste Management .

- Incineration or landfilling are recommended disposal techniques. Contact the state or local environmental agency for specific rules.
- This product is not identified as a RCRA hazardous waste under 40 CFR 261, and is not regulated under CERCLA (Superfund).

Section 14 : Transport Information

- DOT Classification: Not regulated
- TDG Classification: Not regulated
- IMO/IMDG Classification: Not regulated
- ICAO/IATA Classification: Not regulated

Section 15 : Regulatory Information

This product or its components are on the following inventories:

- European Inventory of Existing Commercial Chemicals
- Australia Inventory of Chemical Substances
- Japan Inventory of Existing & New Chemical Substances
- Canada DSL Inventory

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Section 16 : Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of 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 can not guarantee that those are only hazards that exist.

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