



273 St. Zotique E.,  
Montréal, Québec H2S 1L4  
[www.coopcoco.ca](http://www.coopcoco.ca)  
514-270-0539

## SAFETY DATA SHEET

### SECTION I - PRODUCT IDENTIFICATION

|                                 |                                                                           |
|---------------------------------|---------------------------------------------------------------------------|
| <b>Product name</b>             | Pearlescent Mica                                                          |
| <b>Synonyms and other names</b> | INCI: mica, titanium dioxide                                              |
| <b>Recommended uses</b>         | Not available                                                             |
| <b>Material uses</b>            | Not available                                                             |
| <b>Supplier</b>                 | Coop Coco & Calendula<br>273 Rue Saint-Zotique E, Montréal, QC<br>H2S 1L4 |
| <b>Emergency number</b>         | Poison control Centre: 1-800-463-5060                                     |

### SECTION 2 - HAZARDS IDENTIFICATION

|                                            |                                                                                                                                                   |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product classification (WHMIS 2015)</b> | Not classified                                                                                                                                    |
| <b>Hazards information</b>                 | Eyes: may cause eye irritation.<br>Inhalation: may cause respiratory tract irritation.<br>Skin: no hazards known.<br>Ingestion: no hazards known. |

### SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENT

| <b>Composition</b> | <u>Component</u> | <u>CAS No.</u> | <u>Weight</u> | <u>Molecular Weight</u> |
|--------------------|------------------|----------------|---------------|-------------------------|
|                    | Mica             | 12001-26-2     | 70-90%        | Not available           |
|                    | Titanium dioxide | 13463-67-7     | 10-30%        | 79.87 g/mol             |

### SECTION 4 - FIRST AID MEASURES

|                     |                                                                                                                                                                                |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye contact</b>  | In case of eye contact, rinse with plenty of water and seek medical attention if necessary.                                                                                    |
| <b>Skin contact</b> | Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and wash using soap. Get medical attention if necessary                    |
| <b>Inhalation</b>   | Move affected person to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if necessary. |
| <b>Ingestion</b>    | Do not induce vomiting! Never give anything by mouth to an unconscious person. If conscious, wash out mouth with water. Get medical attention if necessary.                    |



273 St. Zotique E.,  
Montréal, Québec H2S 1L4  
[www.coopcoco.ca](http://www.coopcoco.ca)  
514-270-0539

## SAFETY DATA SHEET

### SECTION 5 - FIRE AND EXPLOSION DATA

|                                                  |                                                                                                                     |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Fire extinguishing procedures</b>             | Product is not combustible. Use appropriate media for adjacent fire. Cool unopened containers with water.           |
| <b>Special remarks on fire/explosion hazards</b> | Emits toxic fumes (titanium oxides) under fire conditions.                                                          |
| <b>Fire fighting media and instructions</b>      | Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots. |

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

|                                                             |                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protective clothing in case of spill and leak</b>        | See section 8 for recommendations on the use of personal protective equipment.                                                                                                                                                                                        |
| <b>Environmental precautions</b>                            | Prevent spillage from entering drains. Any release to the environment may be subject to federal/national or local reporting requirements.                                                                                                                             |
| <b>Methods and material for containment and cleaning up</b> | Pick up and arrange disposal without creating dust. Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations. |

### SECTION 7 - HANDLING AND STORAGE

|                            |                                                                                                                                                                                                             |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Handling precaution</b> | See section 8 for recommendations on the use of personal protective equipment. Use with adequate ventilation. Wash thoroughly after using. Keep container closed when not in use. Avoid formation of dusts. |
| <b>Storage precaution</b>  | Store in cool, dry, well-ventilated area. Keep away from incompatible materials (see section 10 for incompatibilities).                                                                                     |

### SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

| <b>Exposure limits</b> | <u>Component</u> | <u>Exposure Limits</u> | <u>Basis</u> | <u>Entity</u> |
|------------------------|------------------|------------------------|--------------|---------------|
|                        |                  | 10 mg/m <sup>3</sup>   | TWA          | ACGIH         |
|                        | Titanium Dioxide | 15 mg/m <sup>3</sup>   | PEL          | OSHA          |
|                        |                  | 10 mg/m <sup>3</sup>   | TWA          | Z1A           |
|                        |                  | 3 mg/m <sup>3</sup>    | TWA          | ACGIH         |
|                        | Mica             | 3 mg/m <sup>3</sup>    | REL          | NIOSH/GUIDE   |
|                        |                  | 3 mg/m <sup>3</sup>    | TWA          | Z1A           |

#### Personal protection :

|                   |                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b> | Provide local exhaust, preferably mechanical. If exposure levels are excessive, use an approved respirator. |
|-------------------|-------------------------------------------------------------------------------------------------------------|



273 St. Zotique E.,  
Montréal, Québec H2S 1L4  
[www.coopcoco.ca](http://www.coopcoco.ca)  
514-270-0539

## SAFETY DATA SHEET

|                                            |                                                                                                                |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Skin</b>                                | Wear nitrile or rubber gloves, apron or lab coat.                                                              |
| <b>Eye</b>                                 | Wear chemical safety glasses or goggles.                                                                       |
| <b>Other personal protective equipment</b> | Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling. |

---

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

---

|                                        |                                         |
|----------------------------------------|-----------------------------------------|
| <b>Physical state and appearance</b>   | Powdered solid. Light yellow.           |
| <b>Odor</b>                            | Odorless                                |
| <b>pH (100g/l at 20oC)</b>             | 3.0 – 8.0                               |
| <b>Melting Point</b>                   | Not available                           |
| <b>Boiling Point</b>                   | Not available                           |
| <b>Flash point</b>                     | Not flammable                           |
| <b>Evaporation rate</b>                | Not applicable                          |
| <b>Flammability / Flammable limits</b> | Not flammable. Not explosive.           |
| <b>Vapor pressure</b>                  | Not applicable                          |
| <b>Bulk density</b>                    | 270-310 kg/m <sup>3</sup>               |
| <b>Density</b>                         | 2.7-2.9 g/cm <sup>3</sup> at 20oC (68F) |
| <b>Solubility</b>                      | Insoluble in water.                     |
| <b>Particle Size</b>                   | 5 – 100 micrometer                      |
| <b>Mean Particle Size</b>              | 20 – 35 micrometer                      |
| <b>Decomposition temperature</b>       | Not available                           |
| <b>Viscosity</b>                       | Not available                           |

---

### SECTION 10 - STABILITY AND REACTIVITY DATA

---

|                                           |                    |
|-------------------------------------------|--------------------|
| <b>Stability / Reactivity</b>             | Product is stable. |
| <b>Possibility of hazardous reactions</b> |                    |
| <b>Conditions of instability</b>          | Not available      |
| <b>Incompatibility</b>                    |                    |
| <b>Decomp. products</b>                   |                    |

---



273 St. Zotique E.,  
Montréal, Québec H2S 1L4  
[www.coopcoco.ca](http://www.coopcoco.ca)  
514-270-0539

## SAFETY DATA SHEET

---

### SECTION 11 - TOXICOLOGICAL INFORMATION

---

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Routes of entry</b>                | Inhalation, eye contact, skin contact, ingestion.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Acute effects</b>                  | <u>Titanium dioxide:</u><br>Acute oral toxicity LD50 (Rat) : >10,000mg/kg<br>Skin irritation Rabbit: no irritation<br>Eye irritation Rabbit: no irritation<br><br><u>Mica:</u> no information available                                                                                                                                                                                                                                                                                                                                       |
| <b>Target Organs</b>                  | Respiratory system, eyes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Systemic Toxicity</b>              | The substance or mixture is not classified as specific target organ toxin upon single or repeated exposure.                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Aspiration Hazard</b>              | Regarding the available data the classification criteria are not fulfilled.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Carcinogenicity</b>                | IARC: Group 2b: Possibly carcinogenic to humans (Titanium dioxide)<br><br>ACGIH: No components of this product present at levels greater than or equal to 0.1% are identified as a known or anticipated carcinogens by ACGIH<br><br>NTP: No components of this product present at levels greater than or equal to 0.1% are identified as a known or anticipated carcinogens by NTP<br><br>OSHA: No components of this product present at levels greater than or equal to 0.1% are identified as a carcinogen or potential carcinogens by OSHA |
| <b>Chronic effects</b>                | 5% of the product added to the feed of rats for a period of 2.5 years did not show any toxicological changes or carcinogenic effects.                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Teratogenicity</b>                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Embryotoxicity</b>                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Reproductive Toxicity</b>          | Not available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Respiratory/Skin Sensitization</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Genotoxicity</b>                   | Ames test negative (Salmonella typhimurium)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

---

### SECTION 12 - ECOLOGICAL INFORMATION

---

|                                    |                                                                                                                                                                                                          |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ecotoxicity</b>                 | Aquatic Vertebrate: LC50 (titanium dioxide) - other fish - > 1,000 mg/l - 96 h<br>Aquatic Invertebrate: EC0(titanium dioxide) -Daphnia magna(Water flea) -1,000 mg/l -48 h<br>Terrestrial: Not available |
| <b>Persistence and degradation</b> |                                                                                                                                                                                                          |
| <b>Bioaccumulation</b>             | Not available                                                                                                                                                                                            |
| <b>Mobility in soil</b>            |                                                                                                                                                                                                          |
| <b>Other adverse effects</b>       |                                                                                                                                                                                                          |

---

---

## SECTION 13 - DISPOSAL CONSIDERATIONS

---

**Waste Disposal** Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

---

## SECTION 14 - TRANSPORT INFORMATION

---

**United Nations number** Not regulated

**Transportation of Dangerous Goods Regulations** Not regulated

**Packing group**  
**Environmental hazards**  
**Bulk transport**  
**Special precautions** Not applicable

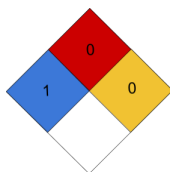
---

## SECTION 15 - OTHER REGULATORY INFORMATION

---

**Federal, international and other regulations** TSCA Inventory Status: All ingredients are listed on the TSCA inventory  
DSCL (EEC): All ingredients are listed on the DSCL inventory California Proposition 65: This product contains a chemical known in the State of California to cause cancer (titanium dioxide)  
SARA 302: Not listed  
SARA 304: Not listed  
SARA 311: Listed: Titanium Dioxide  
SARA 312: Listed: Titanium Dioxide  
SARA 313: Not listed

**Other classification** NFPA



---

## SECTION 16 - OTHER INFORMATION

---

**Last Updated** 05-01-2017

**IMPORTANT :** The information presented herein is believed to be accurate and is obtained from current and reliable sources. Final determination of the suitability of the material is the sole responsibility of the user, this document is offered only as a guide. Users assume all risk of use, storage and handling of the product. Coop Coco & Calendula shall not be held responsible for any damages to property or for any adverse physical effects (including injury or bodily harm) caused by insufficient knowledge or the improper use of a product. Coop Coco & Calendula strongly recommends small lab scale testing for evaluation purposes prior to full commercial manufacturing.