

## SAFETY DATA SHEET

### 1. IDENTIFICATION

**Product:** MICA | Natural MicaFlakes™  
**Manufacturer:** Torginol, Inc.  
**Address:** 4617 South Taylor Drive  
Sheboygan, WI 53081  
USA  
**Phone:** (920) 694-4800  
**Facsimile:** (920) 694-4801  
**Email:** service@torginol.com  
**Website:** www.torginol.com  
**Emergency:** (920) 694-4800 or consult a physician

### 2. HAZARDS IDENTIFICATION

#### Classification

#### *Physical*

This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR1910.120).

#### *Health*

This product contains a small quantity of quartz, crystalline silica. IARC Monographs, Vol 68, 1997, concludes that there is sufficient evidence that inhaled crystalline silica in the form of quartz or cristobalite from occupational sources causes cancer in humans. IARC classification Group 1. Because of quantity and composition, the health hazard is small.

#### Labeling

No pictogram required.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Components</u>	<u>CAS Number</u>	<u>Composition</u>
Mica	12001-26-2	95 – 100 %

### 4. FIRST-AID MEASURES

#### Skin

Wash off with soap and water. If symptoms persist, call a physician.

#### Eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

#### Inhalation

Move to fresh air. If symptoms persist, call a physician.

#### Ingestion

If swallowed, seek medical advice immediately. If conscious, drink plenty of water. Do not induce vomiting without medical advice.

### 5. FIRE-FIGHTING MEASURES

This product is not known to present any fire hazard.

### 6. ACCIDENTAL RELEASE MEASURES

Use recommended protective clothing and respiratory protection. Use shovel to reclaim material. Vacuum or scoop material into an appropriately marked container for reuse or disposal. Avoid excessive generation of dust. It is more effective to clean this product while dry by vacuuming or sweeping. However, spill area can be washed with water. Collect wash water for approved disposal. Prevent runoff from entering storm sewers and ditches which lead to natural waterways.

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### 7. HANDLING AND STORAGE

**Handling**

Avoid breathing dust. Avoid getting in eyes or on skin. Wash hands thoroughly after handling. Avoid contact with moisture.

**Storage**

Store dry at ambient temperature.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Eye Protection:** Safety glasses recommended.  
**Skin Protection:** Use appropriate protective clothing.  
**Hand Protection:** Protective leather, cloth or rubber gloves recommended.  
**Respiratory Protection:** Use a NIOSH/MSHA approved respirator when exposure limits may be exceeded.  
**Ventilation:** Local exhaust ventilation to collector or containment recommended.  
**Hygiene Measures:** Good industrial hygiene practices required.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Point:</b>	N/D	<b>Melting Point:</b>	1500° C
<b>Critical Temperature:</b>	N/D	<b>Vapor Density:</b>	N/D
<b>Vapor Pressure:</b>	N/D	<b>Appearance:</b>	Solid (lustrous, crystalline solid plates)
<b>Color:</b>	Clear	<b>Molecular Weight:</b>	797 g/mol
<b>Specific Gravity:</b>	2.6 g/cc	<b>Coating V.O.C.:</b>	Not Volatile
<b>Odor:</b>	N/D	<b>Odor Threshold:</b>	N/D
<b>Taste:</b>	N/D	<b>pH (1% soln/water):</b>	N/A
<b>Material V.O.C.:</b>	Not Volatile	<b>Solubility:</b>	Insoluble in Cold Water
<b>Evaporation Rate:</b>	N/A	<b>Water/Oil Dist. Coeff.:</b>	N/D
<b>Iconicity (in Water):</b>	N/D	<b>Dispersion Properties:</b>	N/D

### 10. STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable	<b>Incompatibility:</b>	Not Available
<b>Hazardous Byproducts:</b>	None		

### 11. TOXICOLOGICAL INFORMATION

**Routes of exposure:** Inhalation, Ingestion  
**Chronic Effects (Humans):** The substance is toxic to lungs, mucous membranes.  
**Other Toxic Effects (Humans):** Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant).  
**Special Remarks on other Toxic Effects (Humans):** Nuisance dust  
**Chronic Toxicity**  
 This product is not listed as a carcinogen by the IARC, NTP or OSHA.  
 According to the current knowledge this product is harmless. Therefore, no health damaging effects are expected if safety measures are followed. No specific testing has been done on this product.

### 12. ECOLOGICAL INFORMATION

No ecological testing has been done on this product.

### 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and federal regulations.

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### 14. TRANSPORT INFORMATION

**Shipping Name:** Colored Mica

**Not Regulated:** Ship as Class 70

### 15. REGULATORY INFORMATION

**U.S. Toxic Substances Control Act:** Compliant with regulations

**Sara Title III – Sections 312 & 313:** Not hazardous

**California Proposition 65:** No ingredients in this product are known to cause cancer, birth defects or reproductive hazards.

**Canadian Domestic Substances List:** All ingredients in this product are listed or exempt from listing.

### 16. OTHER INFORMATION

**Disclaimer**

The information contained herein is based on the data available to us and is believed to be correct. Torginol, Inc. makes no warranty expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Torginol, Inc. assumes no responsibility for injury, loss or damage from the use of the product described.

N/A = Not Applicable

N/D = Not Determined

N/E = Not Established