

# MATERIAL SAFETY DATA SHEET

## Metallic ColorPigments™

### I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Metallic ColorPigments™  
**Manufacturer:** Torginol, Inc.  
**Address:** 4617 South Taylor Drive  
Sheboygan, WI 53081  
U.S.A.  
**Information Phone:** (920) 694-4800 / 1-800-558-7596  
**Facsimile:** (920) 694-4801  
**Website:** www.torginol.com

HAZARD RATING	
0 = Least	Health - 1
1 = Slight	Flammability - 0
2 = Moderate	Reactivity - 0
3 = High	Personal Protection - E
4 = Extreme	

**Date Revised** July, 2012

### II. COMPOSITION AND INFORMATION ON INGREDIENTS

**Composition:**

<u>Components</u>	<u>CAS #</u>	<u>% By Weight:</u>
Mica	12001-26-2	55-59
Iron Oxide	1309-37-1	41-45

**Toxicological Data on Ingredients:** Mica LD50: Not available. LC50: Not available.

### III. HAZARDS IDENTIFICATION

Prolonged or repeated exposure may cause lung damage.

**Potential Health Effects:**

Inhalation - May cause irritation of the respiratory tract. Prolongedor repeated exposure may cause lung damage.

Ingestion - No adverse health effects are expected from swallowing.

Skin Contact - May cause skin irritation.

Eye Contact - Dust may cause irritation and infalammation.

Chronic Health Hazards - Prolonged or repeated exposure to dust may cause pulmonary problems.

**Chronic Health Hazards:**

Prolonged or repeated exposure to dust may cause pulmonary problems.

Aggravated Medical Conditions - Pulmonary disorders and/or allergies.

### IV. FIRST AID MEASURES

**Eye Contact:** Rinse with water for a few minutes. If irritation persists, seek medical attention.

**Skin Contact:** After contact with skin, wash immediately soap and water. If irritation persists, seek medical attention.

**Inhalation:** Move victim to well ventilated area. Aid in breathing, if necessary, and seek immediate medical attention.

**Ingestion:** If large quantities are ingested, seek medical attention. Not a hazard under normal use conditions.

### V. FIRE AND EXPLOSION DATA

**Flammability of the Product:** Non-flammable

**Auto-Ignition Temperature:** Not applicable.

**Flash Points:** Not applicable.

**Flammable Limits:** Not applicable.

**Extinguishing Media:** Use extinguishing media appropriate for surrounding fire. The product itself does not burn.

**Fire Fighting Procedures:** Positive pressure, self-contained breathing apparatus.

**Unusual Fire and Explosion Hazards:** Not a fire or explosion hazard.

### VI. SPILLAGE, ACCIDENTAL RELEASE MEASURES

**Spill Procedures:** Scoop up or vacuum into a container for reclamation or disposal; avoid dusting.

**Environmental Precautions:** No special environmental precautions necessary.

### VII. HANDLING AND STORAGE

**Handling:** Material may be slippery when wet. Avoid breathing dust. Wash thoroughly after handling. Avoid contact with eyes. Use only with adequate ventilation.

**Storage:** Store in a cool, dry place. No specific storage required.

## VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Eye Protective Equipment:** Safety glasses with side shields.

**Hand Protection:** Use appropriate gloves when handling dust and during preparation.

**Respiratory Protection:** Use a NIOSH/MSHA approved respirator as necessary to protect from dust.

**Skin Protection:** Use apron, boots or full protective suit.

**Ventilation:** General ventilation - Local exhaust ventilation is recommended. Control exposures within applicable limits.

## IX. PHYSICAL AND CHEMICAL PROPERTIES

**Form:** Powder

**Color:** Various

**Odor:** Odorless

**PH:** 6.0 - 9.0 (4% H<sub>2</sub>O)

**Boiling Point:** Not applicable.

**Melting Point:** Decomposes

**Freezing Point:** Not applicable.

**Density:** 3.1 - 3.2 kg/L

**Bulk Density:** 16 - 20g / 100g

**Vapor Pressure:** Not applicable.

**Solubility:** Insoluble in water.

**Particle Size:** 5 - 100 µm

## X. STABILITY AND REACTIVITY DATA

**Stability:** The product is stable.

**Conditions / Hazards to Avoid:** No known conditions / hazards.

**Incompatibility (Materials to Avoid):** No known incompatibilities.

**Hazardous Decomposition Products:** No known.

**Polymerization:** Will not occur.

## XI. TOXICOLOGICAL INFORMATION

**Routes of Entry:** Inhalation. Ingestion.

**Toxicity to Animals:** LD50: Not available. LC50: Not available.

**Chronic Effects on Humans:** The substance is toxic to lungs, mucous membranes. Possible skin irritant.

**Special Remarks on other Toxic Effects on Humans:** Nuisance dust.

## XII. ECOLOGICAL INFORMATION

**Ecotoxicity:** No known ecological problems are associated with this product.

**Toxicity of the Products of Biodegradation:** The products of degradation are as toxic as the original product.

## XIII. DISPOSAL CONSIDERATIONS

**US EPA Waste Number:** Not regulated.

**Disposal of Waste Method:** This product, if disposed as received, is a non-hazardous waste. Local disposal laws and regulations will determine the proper waste disposal / reclamation procedure.

## XIV. TRANSPORT INFORMATION

**DOT Classification:** NMFC Class 60

**Identification:** Inorganic, Colored Powders (NMFC Code: 148520)

## XV. OTHER REGULATORY INFORMATION

**Other Regulations:** OSHA - Hazardous by definition of Hazard Communication Standard (29 CFR 1910. 1200).

**SARA 311/312 Hazard Categories:** Acute Health Hazard

**CAA 602 Ozone Depleting Substances (ODS):** This product neither contains nor is manufactured with an ozone depleting substance subject to labeling requirements of the Clear Air Act Amendments 1990 and 40 CFR Part 82.

**VOC Content:** None

**VOC Contact (CARB):** None

**Canada Regulations:** Not regulated.

**WHMIS Classification:** Not regulated.