

MATERIAL SAFETY DATA SHEET

Colored Chips/Flakes

I. PRODUCT AND MANUFACTURER IDENTIFICATION

Product Name Colored Chips/Flakes (ColorFlakes)
Manufacturer Torginol, Inc.
Address 710 Forest Avenue
P.O. Box 102
Sheboygan Falls, WI 53085-0102
U.S.A.
Emergency Phone 1-800-688-4005 (VEOLIA ES)
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Website www.torginol.com

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II. HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

<u>Hazardous Components</u>	<u>CAS Number</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Concentrate (%)</u>
Barium Sulfate*	7727-43-7	10 PPM	10 MG/M3	70 - 85%
Titanium Dioxide*	13463-67-7			0 - 10%
Proprietary Resins*	N/E			10 - 15%
Pigment(s)*	N/A			< 3%

*No toxic chemical(s) subject to the reporting requirements of SARA Section 313 of Title III and of CFR 372 are present.

III. PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point	N/A	Specific Gravity (H₂O = 1)	3.6
Vapor Density	Not volatile	Appearance and Odor	White/Colored; Odorless
Coating V.O.C.	Not volatile	Melting Point	N/A
Material V.O.C.	Not volatile	Evaporation Rate	N/A
Solubility in Water	Insoluble		

IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point	N/A
Flammable Limits	N/A
Extinguishing Media	N/A
Special Firefighting Procedures	N/A
Unusual Fire and Explosion Hazards	None

* No known fire hazards present.

V. REACTIVITY DATA

Stability	Stable
Conditions to Avoid	Product is stable but decomposes at 600° liberating CO ₂
Incompatibility	None
Hazardous Byproducts	None
Hazardous Polymerization	Will not occur

VI. HEALTH HAZARD DATA

Inhalation Health Risks and Symptoms of Exposure

Mild bronchial irritation may occur.

Skin and Eye Contact Health Risks and Symptoms of Exposure

This substance is not expected to cause prolonged or significant skin or eye irritation.

Skin Absorption Health Risks and Symptoms of Exposure

May cause irritation.

VI. HEALTH HAZARD DATA (CONTINUED)

Ingestion Health Risks and Symptoms of Exposure

Large quantities may cause irritation to the mouth, throat and gastrointestinal tract resulting in nausea and vomiting.

Health Hazards (Acute and Chronic)

Acute Effects: Causes mechanical skin and eye irritation.

Chronic Effects: Heavy extended industrial exposure to the dust of this product may produce benign pneumoconiosis, termed "baritosis". Mild bronchial irritation may occur.

Carcinogenicity: NPT? No IARC Monographs? No OSHA Regulated? No
Not listed with NTP, IARC or OSHA as a known or suspected carcinogen.

Medical Conditions Generally Aggravated by Exposure

Individuals with pulmonary and/or respiratory disease or subject to eye irritation, should be precluded from exposure.

Emergency and First Aid Procedures

Wash dust from skin with soap and water. Flush out eyes with generous amounts of water for at least 15 minutes. See a physician.

VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled

Normal clean-up procedures. Care should be taken to avoid causing dust to become airborne. Vacuum cleaning systems are recommended.

Waste Disposal Method

Disposal must be made in accordance with Federal, State and Local regulations.

Precautions to Be Taken in Handling and Storing

Take normal precautions against box/bag breakage or spills of bulk material. Avoid creation of respirable dust.

Other Precautions

Use adequate ventilation and dust collection. Do not permit dust to accumulate in work area. Maintain and use proper and clean respiratory equipment. Clean clothing which has become contaminated.

VIII. CONTROL MEASURES

Respiratory Protection

Use of dust respirator recommended when exposure limits may be exceeded.

Ventilation

Local exhaust ventilation to collector or containment recommended to control dust below exposure limit.

Protective Gloves

Leather or rubber gloves.

Other Protective Clothing or Equipment

As appropriate in light of specific application.

Work/Hygenic Practices

Good industrial hygiene practices required. Adequate ventilation and personal respiratory protection should be employed.

IX. DISCLAIMER

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