

SAFETY DATA SHEET (SDS)

Section 1. Identification	
Product Name	EVO Metallic Pigment
Product identifier	EVO Metallic Pigment
Recommended use and restrictions on use	Decorative Mica Pigment
Initial supplier identifier	ÉVO Home Finishing Inc. 803 de la Caniapiscou, Chicoutimi, Qc G7K 0A8 418-698-2885 & 888-987-2885
Emergency telephone number/restriction on use	Canada – CANUTEC Numéro 24 heures 613-996-6666

Section 2. Hazard Identification	
Classification of hazardous product (name of the category or subcategory of the hazard class)	
According to Regulation (EC)No.1272/2008(CLP) - not classified	
According to Directive 67/548/EEC & Directive 1999/45/EC - not classified	

Information elements (symbols, signal words, hazard statements and precautionary statements of the category/subcategory)

Hazard pictograms and signal word	Hazard statements
Not classified	Not classified.

Precautionary Statements: Not applicable

Section 3. Composition/Information on Ingredients			
Chemical name (common name/synonyms)	CAS No.	EINECS No.	Concentration (%)* (depending on colour)
Mica	12001-26-2	310-127-6	44-82
Titanium Dioxide	13463-67-7	236-675-5	18-55
Iron Oxide	1309-37-1	215-168-2	0-41
*Statement - This safety data sheet provides concentration range(s) instead of the actual concentration(s) considered trade secret(s)			

Chemical family: mica-titanium oxide-iron oxide. Contains no hazardous ingredients.

Section 4. First-Aid Measures

EYE CONTACT: IF IN EYES: Flush with gently flowing fresh water thoroughly. If eye irritation persists, get medical advice/attention.

SKIN CONTACT: IF ON SKIN: Wash affected skin with plenty of water.

INGESTION: IF SWALLOWED: Wash out mouth with water, drink milk or egg white.

INHALATION: IF INHALED: Remove the person affected from the exposure area to fresh air and keep rest.

Most important symptoms/effects, acute and delayed: Long term (repeated): May cause irritation to the respiratory system, cough and increased difficulty in breathing.

Indication of immediate medical attention/special treatment.: Recommended Chest XRay and Lung functionality tests.

Section 5. Fire-Fighting Measures

Specific hazards of the hazardous product (hazardous combustion products): Non combustible. None anticipated.

Suitable extinguishing media: In case of fire: Use extinguish with water spray, foam or dry chemical.

Unsuitable extinguishing media: Carbon dioxide

Special protective equipment and precautions for fire-fighters: Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Do not breathe dust. Wear appropriate personal protective equipment to avoid the contact with the product. Evacuate the area and keep out those who do not have protection. In case of emergency a self contained breathing apparatus and suitable protective clothing should be worn.

Methods and materials for containment and cleaning up: It is recommended: Collect mechanically and dispose of according to Section 13. Use vacuum equipment for collecting spilt materials, where practicable.

Environmental precautions: This product is not classified as hazardous to the environment. Keep product away from drains, sewers or watercourses. and underground water.

Section 7. Handling and Storage

Precautions for safe handling: Avoid breathing dust.

Conditions for safe storage, including any incompatibilities: Keep container in a well ventilated place.

Section 8. Exposure Controls/Personal Protection

Control parameters (biological limit values or exposure limit values and source of those values): Exposure limits:

Chemical name	CAS No.	PEL(Long term value)	REL(Long term value)	TLV(Long term value)
Mica	12001-26-2	20mppcf ppm <1% crystalline silica	3mg/m3(respirable dust) containing <1%quartz	3mg/m3 (as respirable fraction)
Iron oxide	1309-37-1	10mg/m3(fume: rouge) 15mg/m3(total dust) 5 mg/m3(respirable)	5mg/m3 (dust &fume, as Fe)	5mg/m3 (as respirable fraction)
Titanium dioxide	13463-67-7			10mg/m3

Appropriate engineering controls: Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded. Isolate the dispersive step away from other operations. This can be achieved by local exhaust or general ventilation.

Individual protection measures/ personal protective equipment

Hands/eye/face protection: Wear gloves, eye protection and an approved dust mask if dust is generated during handling. Goggles giving complete protection to eyes. Dust mask covering nose and mouth.

Skin protection: Apron or other light protective clothing, boots and plastic or synthetic rubber gloves.

Respiratory protection: Dust mask covering nose and mouth.

Special instructions for protection and hygiene: Wash hands/nails/face thoroughly after handling. Do not eat, drink or smoke when using this product. Practice good personal hygiene after using this material. Remove and wash contaminated work clothing before re-use. Educate and train employees in the safe use and handling of this product. Follow all label instructions.

Environmental exposure controls: Avoid dust generation. Avoid accumulation of dust.

Others: Not available

Section 9. Physical and Chemical Properties			
Appearance, physical state/colour	Powder / various	Vapour pressure	Not available
Odour	odourless	Bulk Density	23-27g/100g
Odour threshold	Not available	Relative density	2.9-3.0 kg/L
pH	6.0-9.0 (4% H ₂ O)	Solubility (in water)	Insoluble
Melting/freezing point	Decomposes	Particle size	10-1000µm
Initial boiling point/range	Not available	Auto-ignition temperature	Not available
Flash point	Not available	Decomposition temperature	Not available
Evaporation rate(BuAc=1)	Not available	Viscosity	Not available
Flammability (solids and gases)	Not available	VOC	Not available
Upper and lower flammability/explosive limits	Not available	%Volatiles by volume @ 68°F	Not available
		Other	None known

Section 10. Stability and Reactivity

Reactivity: There may be violent or incandescent reaction of the product with metals at high temperatures (e.g., aluminium; calcium; magnesium; potassium; sodium; zinc; lithium)

Chemical stability: Chemically stable under the recommended storage, handling and use.

Possibility of hazardous reactions: None

Conditions to avoid (static discharge, shock or vibration): High temperature

Incompatible materials: Avoid strong acids, strong alkalis and strong oxidizing agents.

Hazardous decomposition products: When heated to decomposition, it emits acrid smoke and irritating fumes.

Hazardous polymerization: Will not occur under normal conditions.

Section 11. Toxicological Information

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): ingestion, inhalation skin and eyes,

Symptoms related to the physical, chemical and toxicological characteristics: No specific information available.

Delayed and immediate effects (chronic effects from short-term and long-term exposure):

This inorganic pigment in general is considered to be practically nontoxic.

Numerical measures of toxicity (ATE; LD50 & LC50)

	LD50 Oral - Rat	LD50 Dermal – Rabbit	LC50 Inhalation	ATE
CAS 13463-67-7	>10000mg/kg	2500mg/kg	No data available	No data available

Section 12. Ecological Information

Ecotoxicity (aquatic and terrestrial information): No data

Persistence and degradability: Insoluble in water. This product is predicted not to degrade in soil and water

Bioaccumulative potential: No data

Mobility in soil: Not applicable

Other adverse effects: No data available

Section 13. Disposal Considerations

Information on safe handling for disposal/methods of disposal/contaminated packaging

Waste treatment methods: Dispose of content in accordance with local, state or national legislation.

Section 14. Transport Information

UN number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations
Not regulated
UN number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime)
Not regulated
UN number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air)
Not regulated
Special precautions (transport/conveyance)
Not regulated
Environmental hazards (IMDG or other)
Not regulated
Bulk transport (usually more than 450 L in capacity)
None

Section 15. Regulatory Information

According to Directive 67/548/EEC & Directive 1999/45/EC: not classified as dangerous for supply/use.

Safety, health and environmental regulations /legislations specific for the substance or mixture: Not available

Section 16. Other Information

Date of the latest revision of the safety data sheet: October 6,2020 - version 1

Abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists
ATE	Acute toxicity estimate
CAS	Chemical Abstract Service
DSL	Domestic Substance List
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
LC	Lethal concentration
LD	Lethal Dosage
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
STEL	Short-term Exposure Limit
TDG	Transport of dangerous goods in Canada
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
WHMIS	Workplace Hazardous Materials Information System

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