



1 - PRODUCT and COMPANY INFORMATION

Company Info: iCOAT Products, Inc. www.icoatproducts.com
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CHEMTREC: For emergencies in the US Call CHEMTREC: (800) 424-9300
Canutec: In Canada, all CANUTEC: (613) 996-6666 (call collect)
MSDS Format: According to ANSI Z400.1-2004

Product Name: Metal Illusion Flake
Chemical Family: Mica Flake

HMIS Classification: H F R PP
1 0 0 E

2 - COMPOSITION INFORMATION

Ingredients / Components	CAS #	WT %
Mica	1200-26-2	100

3 - HAZARDS IDENTIFICATION

Emergency Overview: Irritant

Potential Health Effects

Target Organs: Eye, Skin Contact, Inhalation.
Skin / Eye Contact: Irritant in case of skin or eye contact.
Inhalation: Hazardous in case of inhalation.
Ingestion: Hazardous in case of ingestion.
Possible Chronic Health Effects: Substance is toxic to lungs, mucous membranes. Repeated or prolonged exposure to the substance can produce target organ damage.

4 -FIRST AID MEASURES

Eye Contact: No known effect on eye contact. Flush eyes with plenty of water for 1 - 2 minutes. Get medical attention, if irritation persists.
Skin Contact: Immediately wash skin with soap and plenty of water. Cover the irritated skin with an emollient. Get medical attention if irritation develops or persists.
Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention if symptoms persist.
Ingestion: Do NOT induce vomiting. Seek immediate medical attention if irritation persists. Never give anything by mouth to an unconscious person.

5 - FIRE FIGHTING MEASURES

Flash Point: Not Applicable.
Lower Flammable / Explosive Limit: Not Applicable.



Upper Flammable / Explosive Limit: Not Applicable.
Special Firefighting Procedures: Not Applicable.
Unusual Fire and Explosion Hazards: Not Applicable.

NFPA Ratings:

NFPA Health: 1
NFPA Flammability: 0
NFPA Reactivity: 0

6 - ACCIDENTAL RELEASE MEASURES

Personnel Precautions: None Needed
Environmental Precautions: Avoid runoff into storm sewers, ditches and waterways.
Spill Cleanup Measures: Sweep up, Shovel and/or vacuum immediately. Shovel up wet material and flush area with water. Deposit into covered container for disposal. All material should then be disposed of in accordance with pertinent federal, state and local regulations.

7 - HANDLING AND STORAGE

Handling: Use with adequate ventilation. Avoid breathing dust and contact with eyes.
Storage: Store in a cool, dry place. Keep container tightly closed when not in use.
Hygiene Practices: Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling dust.

8 - EXPOSURE CONTROLS / PERSONAL PROTECTION – EXPOSURE GUIDELINES

Engineering Controls: Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of personal protective equipment.

Eye/Face Protection: Wear ANSI approved protective glasses or face shield as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.

Skin Protection: Leather or rubber gloves are sufficient if sensitivity is experienced. Synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.

Respiratory Protection: Not normally required. If conditions warrant, use a NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known or any other circumstances where air purifying respirators may not provide adequate protection.

Other Protective: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

9 - PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance: Solid (lustrous, crystalline solid plates.)
Color: Various
Odor: None
Boiling Point: Not Applicable
Specific Gravity: 2.6 (H₂O = 1)
Boiling Point: Not Applicable
Melting Point: 1500° C (2732° F)
Vapor Density: Not Applicable
Flash Point: Not Applicable



Solubility in Water: Insoluble in cold water
Molecular Weight: 797 g/mole
Volatility %: Not Volatile
Dispersion Properties: Not Available

10 - STABILITY and REACTIVITY

Chemical Stability: Stable
Hazardous Polymerization: No
Conditions to Avoid: None known
Incompatible Materials: None known
Hazardous Decomposition Products: Not Applicable

11 - TOXICOLOGICAL INFORMATION

Routes of Entry: Inhalation and ingestion.
Toxicity to Animals: LD50: Not Available LC50: Not Available
Chronic Effects on Humans: The substance is toxic to lungs, mucous membranes.
Other Toxic Effects on Humans: Hazardous in case of ingestion or inhalation. Slightly hazardous in case of skin contact (irritant)
Special Remarks on Toxicity: Not Available
Remarks on Toxic Effects on Humans: Nuisance dust.

12 - ECOLOGICAL INFORMATION

Ectotoxicity: No ectotoxicity data was found for the product.
Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of Prod. of Biodegradation: The products of degradation are as toxic as the original product.

13 - DISPOSAL CONSIDERATIONS

Waste Disposal: This product does not meet the definition of hazardous waste under U.S. EPA Hazardous Waste Regulations 40 CFR 261. Dispose of in an approved landfill. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and / or state and local guidelines.

14 - TRANSPORTATION INFORMATION

DOT UN Number: Not a DOT controlled material (United States)
Special Provisions for Transport: Not Applicable

15 - REGULATORY INFORMATION

Federal & State Regulation: Pennsylvania RTK: Mica Massachusetts RTK: Mica
Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).
WHMIS (Canada): Class D-2A: Material causing other toxic effects (Very Toxic).
DSCL (EEC): This product is not classified according to the EU regulations.



16 - ADDITIONAL INFORMATION

HMIS Health Hazard: 1
HMIS Fire Hazard: 0
HMIS Reactivity: 0
HMIS Other: E
MSDS Creation Date: June 1, 2010
MSDS Revision Date: June 1, 2011
MSDS Revision Notes: Quarterly Formula Update
MSDS Author: iCOAT Products, Inc.

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