

Patina Silver Mica

Material Safety Data Sheet (MSDS)

1. Product Identification

Product Name: Patina Silver Mica
INCI Name: Patina Silver Cosmetic Pigment
Chemistry: Inorganic pigments
CAS Number: 12001-26-2 (mica), 13463-67-7 (titanium dioxide), 1317-61-9 (iron oxide black)
EINECS Number: 310-127-6 (mica), 236-675-5 (titanium dioxide), 215-277-5 (iron oxide black).

2. Physical & Chemical Properties

Melting Point: not available.
Boiling Point: not available.
Non-Volatiles: not available.
Viscosity: not available.
Specific Gravity: mixture.
Solubility in water: insoluble
Refractive Index: not available.
Appearance & Odor: Solid odorless, carmine red, lustrous powder.

3. Stability & Reactivity

Chemical Stability: Stable under normal conditions of storage and handling.

Conditions to Avoid: None specified.

Incompatible Materials: Not applicable.

Hazardous Decomposition Products: Not applicable.

Hazardous Polymerization: Will not occur.

4. Handling & Storage

Handling precautions: Avoid generating dust. Avoid breathing dust. Use only with adequate ventilation. Avoid prolonged or repeated contact with skin. Avoid contact with the eyes. Keep container closed. Wash thoroughly after handling.

Storage Precautions: Keep container dry. Keep container sealed until ready for use.

Other Precautions: none specified

5. Accidental Release Measures

Small Spill and Leak: Use a tool to scoop up solid or absorbed material and place into appropriate labeled waste container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional regulatory requirements.

Large Spill and Leak: Use appropriate tools to put the spilled material into a labeled waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional regulatory requirements.

Spill Kit Information: No specific spill kit required for this product.

6. Exposure Controls & Personal Protection

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Respiratory Protection: Dust mask. Use additional appropriate respiratory protection if there is the potential to exceed the exposure limits.

Protective Clothing: Lab coat, gloves and safety glasses.

Other Protective Measures: In case of a large spill wear splash goggles, synthetic apron, gloves, MSHA/NIOSH approved self-contained breathing apparatus or equivalent and full protective gear.

7. Hazards Identification

Eye: May cause irritation. Symptoms include: itching and redness after contact.

Skin: May cause mild skin irritation. Symptoms include: itching and redness after contact.

Inhalation: May cause respiratory tract irritation. Symptoms include: coughing, wheezing or shortness of breath when inhaled.

Ingestion: Not an intended route of exposure. May be hazardous in case of ingestion. Symptoms include: gastrointestinal tract upset and diarrhea.

Cancer: Not known to cause cancer in animals or humans.

Target Organs: Eyes, lungs, skin.

Developmental: No data available.

Pre-existing Medical Conditions: Repeated or prolonged inhalation of any dust particulate may aggravate respiratory medical conditions. Repeated or prolonged exposure to the substance at concentrations above exposure limits may cause respiratory damage.

8. First Aid Measures

Eyes: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If symptoms persist, seek medical attention.

Skin: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before reusing. Thoroughly clean shoes before reuse. If symptoms develop, seek medical attention.

Inhalation: If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms persist, seek medical attention.

Ingestion: Do not ingest. If this material is swallowed, call a physician immediately. Do Not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

9. Fire Fighting Measures

Flash Point: Non-flammable.

Extinguishing Media: In case of fire, use water spray (fog), foam, dry chemical, or CO₂.

Fire Fighting Procedures: Emergency personnel should wear self-contained breathing apparatus and full protective clothing.

10. Toxicological Information

Acute Oral Toxicity: not available

Acute Effects: May cause skin, eye and respiratory irritation.

Sensitization: Repeated or prolonged exposure to the substance at concentrations above the exposure limits may cause respiratory tract and lung sensitization.

11. Disposal Consideration

This material is considered non-hazardous waste. Dispose of according to all federal, state, and local regulations.

12. Transport Information

DOT Shipping Name: not regulated

ADR/RIC Code: not regulated

Sea Transport IMDG Code: not regulated

Air Transport IATA: not regulated

13. Regulatory Information

TSCA 8(b) inventory: Mica (mineral); Titanium Dioxide; Iron Oxide Black

SARA 302/304/311/312 hazardous chemicals: Mica (mineral); Titanium Dioxide

SARA 311/312 MSDS distribution-chemical inventory-hazard identification: Mica (mineral) Immediate (acute) health hazard; Titanium Dioxide Immediate (acute) health hazard.