

Material Safety Data Sheet

Section 1. Product and Company Identification

Product Name **Black Mica Cosmetic Pigment**

Supplier TKB Trading, LLC
1101 9th Avenue
Oakland, CA 94606
510-451-9011

Effective Date 1/30/2009

Print Date 1/30/2009

Material Uses Cosmetic Pigments

Chemical Family Inorganic Pigment

Section 2. Hazards Identification

EMERGENCY OVERVIEW MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN IRRITATION.

Appearance Solid. (Black, odorless, lustrous powder)

Likely Routes of Exposure Eye contact. Inhalation. Ingestion (not anticipated).

Potential Acute Health Effects

Eyes May cause eye 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.

Potential Chronic Health Effects

Additional information See Toxicological Information (section 11)

Medical Conditions aggravated by Exposure Repeated or prolonged inhalation of any dust particulate may aggravate respiratory medical conditions.

Section 3. Composition and Information on Ingredients

Component	CAS #	% by Weight
Iron Oxide Black	1317-61-9	46-54
MICA (mineral)	12001-26-2	36-50
TITANIUM DIOXIDE	13463-67-7	4-10

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Section 4. First Aid Measures

Eye Contact	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 Contact	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. Clean shoes thoroughly 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. Get 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. Loosen tight clothing such as a collar, tie, belt or waistband. Never give anything by mouth to an unconscious person.

Section 5. Fire Fighting Measures

Flammability of the Product	Non-flammable.
Fire Fighting Media and Instructions	In case of fire, use water spray (fog), foam, dry chemical, or CO2.
Protective Clothing (Fire)	Wear self-contained breathing apparatus and full protective clothing.

Section 6. 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 authority 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. Check TLV- Section 8 of MSDS.
Spill Kit Information	No specific spill kit required for this product.

Section 7. Handling and Storage

Handling	Avoid contact with eyes, skin or clothing. Avoid generating dust. Avoid breathing dust. Use with adequate ventilation. Keep container closed. Wash thoroughly after handling.
Storage	Keep container dry. Keep containers sealed until ready for use.

Section 8. 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.
Personal Protection	
Eye/Face Protection	Safety glasses.
Skin Protection	Lab coat.
Respiratory Protection	Dust mask. Use additional appropriate respiratory protection if there is the potential to exceed the exposure limit(s).
Hands	Recommended: Nitrile gloves.
Feet	Not applicable.

**Protective Clothing
(Pictograms)**



**Personal Protection in
Case of a Large Spill**

Splash goggles. Synthetic apron. Nitrile gloves. Wear MSHA/NIOSH-approved self-contained breathing apparatus or equivalent and full protective gear.

Product Name

Iron Oxide Black
MICA (mineral)

Exposure Limits

Not available.
ACGIH (United States, 1994).
TWA: 3 mg/m³
OSHA (United States, 1989). Notes: Respirable
TWA: 3 mg/m³
ACGIH (United States, 1994).
TWA: 3 mg/m³ 8 hour/hours.
NIOSH REL (United States, 1994).
TWA: 3 mg/m³ 10 hour/hours. Form: Respirable fraction
OSHA Final Rule (United States, 1989).
TWA: 3 mg/m³ 8 hour/hours. Form: Respirable dust
ACGIH (United States, 1996).
TWA: 10 mg/m³ 8 hour/hours.
OSHA Final Rule (United States, 1989).
TWA: 10 mg/m³ 8 hour/hours. Form: Total dust

TITANIUM DIOXIDE

Section 9. Physical and Chemical Properties

Odor	Odorless.
Color	Black.
Physical State and Appearance	Solid. (Black, odorless, lustrous powder)
Molecular Weight	Not available.
Molecular Formula	Not applicable.
pH	7 to 10 (Conc. (% w/w): 10)
Melting/Freezing Point	>1000°C (1832°F)
Specific Gravity	Not applicable.
Density	Bulk Density 3.9 to 4.4 g/in ³
Solubility	Insoluble in water.

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Hazardous Decomposition Products Not applicable.

Hazardous Polymerization Will not occur.

Section 11. Toxicological Information

RTECS Number: Iron Oxide, Black Not available.
Mica (mineral) VV8760000
Titanium Dioxide XR2275000

Toxicity Not available.

Chronic Effects on Humans CARCINOGENIC EFFECTS: Classified None. by NIOSH [TITANIUM DIOXIDE]. Classified A4 (Not classifiable for humans or animals.) by ACGIH, 3 (Not classifiable for humans.) by IARC [TITANIUM DIOXIDE].
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.
DEVELOPMENTAL TOXICITY: Not available.
Repeated or prolonged exposure to the substance at concentrations above exposure limits may cause respiratory damage.
Target Organs: eyes, lungs, skin.

Acute Effects on Humans 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.

Carcinogenic Effects This material is not known to cause cancer in animals or humans.

Section 12. Ecological Information

Toxicity of the Products of Biodegradation Not available.

Section 13. Disposal Considerations

EPA Waste Number Non-hazardous chemical waste.

Treatment Dispose of according to all federal, state and local regulations.

Section 14. Transport Information

DOT Classification Not regulated.

TDG Classification Not regulated.

IMO/IMDG Classification Not regulated.

ICAO/IATA Classification Not regulated.

Section 15. Regulatory Information

U.S. Federal Regulations TSCA 8(b) inventory: Iron Oxide Black; MICA (mineral); TITANIUM DIOXIDE
SARA 302/304/311/312 extremely hazardous substances: No products were found.
SARA 302/304 emergency planning and notification: No products were found.
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
SARA 313 Form R Reporting Requirements- No products were found.
SARA 313 Supplier Notification- No products were found.
Clean Water Act (CWA) 307: No products were found.
Clean Water Act (CWA) 311: No products were found.
Clean Air Act (CAA) 112 accidental release prevention: No products were found.
Clean Air Act (CAA) 112 regulated flammable substances: No products were found.
Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

WHMIS (Canada) Not controlled under WHMIS (Canada).

CEPA DSL: Iron Oxide Black; MICA (mineral); TITANIUM DIOXIDE

**International
Regulations**

EINECS	Iron Oxide Black	215-277-5
	MICA (mineral)	3101276
	TITANIUM DIOXIDE	236-675-5

DSCL (EEC)

S22- Do not breathe dust.
R36/37/38- Irritating to eyes, respiratory system and skin.

International Lists

Australia (NICNAS): Iron Oxide Black; MICA (mineral); TITANIUM DIOXIDE

Japan (METI): Mica Black Cosmetic Pigment

Korea (TCCL): Iron Oxide Black; MICA (mineral); TITANIUM DIOXIDE

Philippines (RA6969): Iron Oxide Black; MICA (mineral); TITANIUM DIOXIDE

State Regulations

Pennsylvania RTK: TITANIUM DIOXIDE: (generic environmental hazard)

Massachusetts RTK: MICA (mineral); TITANIUM DIOXIDE

New Jersey: MICA (mineral); TITANIUM DIOXIDE

Section 16. Other Information**Hazardous Material
Information System
(U.S.A.)
HMIS® III**

HEALTH	*	1
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		E

**Other Special
Considerations**

Not available.

**Changed Since Last
Revision****Notice to Reader**

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