

Material Safety Data Sheet

Section 1. Product and Company Identification

Product Name **Australian Amber
Cosmetic Pigment**

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

Effective Date June 19, 2006
Print Date June 19, 2006

Material Uses Cosmetic Pigments
Chemical Family Not applicable.

+ Section 2. Hazards Identification

Physical State and Appearance Solid. (Brown with gold highlights, lustrous, odorless powder)

Emergency Overview WARNING!
MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN IRRITATION.

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

Potential Acute Health Effects

Eyes May be hazardous in case of eye contact (irritant).

Skin May be hazardous in case of skin contact (irritant).

Inhalation May be hazardous in case of inhalation (lung irritant).

Ingestion Not an intended route of exposure.

Potential Chronic Health Effects

Additional information See Toxicological Information (section 11)

Medical Conditions aggravated by Exposure Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

+ Section 3. Composition and Information on Ingredients

Component	CAS #	% by Weight
MICA (mineral)*	12001-26-2	50 - 62
IRON OXIDE BLACK	1317-61-9	26.5 - 32.5
IRON OXIDE	1309-37-1	9 - 11.5
TITANIUM DIOXIDE	13463-67-7	2 - 6

* Mica, like many naturally occurring minerals, may contain crystalline silica (quartz).

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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. Cold water may be used. Get medical attention immediately.
Skin Contact	If irritation persists, seek medical attention.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Ingestion	If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flammability of the Product	Non-flammable.
Auto-ignition Temperature	Not applicable.
Flash Points	Not applicable.
Flammable Limits	Not applicable.
Products of Combustion	Not applicable.
Fire Hazards in Presence of Various Substances	Not applicable.
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of static discharge: No. Risks of explosion of the product in presence of mechanical impact: No.
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.
Special Remarks on Fire Hazards	Not available.
Special Remarks on Explosion Hazards	Not available.

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 and clothing. Do not ingest. Avoid breathing dust. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area.

+ 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.
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Personal Protection

Eyes Safety glasses.

Body Lab coat.

Respiratory Dust respirator. Be sure to use an approved/certified respirator or equivalent.

Hands Impervious 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

Exposure Limits

MICA (mineral)

ACGIH (United States, 1994).

TWA: 3 mg/m³

OSHA (United States, 1989).

TWA: 3 mg/m³ 8 hour(s).

ACGIH TLV (United States, 1/2004).

TWA: 3 mg/m³ 8 hour(s). Form: All forms

NIOSH REL (United States, 12/2001).

TWA: 3 mg/m³ 10 hour(s). Form: Respirable fraction

OSHA PEL 1989 (United States, 3/1989).

TWA: 3 mg/m³ 8 hour(s). Form: Respirable dust

Not available.

ACGIH (United States, 1996).

TWA: 5 mg/m³

OSHA (United States, 1989). Notes: Total

STEL: 10 ppm

ACGIH (United States, 1997).

TWA: 10 mg/m³ 8 hour(s).

NIOSH REL (United States, 12/2001).

TWA: 5 mg/m³ 10 hour(s). Form: Dust and fumes

OSHA PEL (United States, 8/1997).

TWA: 10 mg/m³ 8 hour(s). Form: All forms

OSHA PEL 1989 (United States, 3/1989).

STEL: 10 ppm 15 minute(s). Form: Total particulates

TWA: 5 mg/m³ 8 hour(s). Form: Respirable fraction

TWA: 10 mg/m³ 8 hour(s). Form: Total dust

ACGIH TLV (United States, 1/2005).

TWA: 10 mg/m³ 8 hour(s). Form: All forms

TWA: 5 mg/m³ 8 hour(s). Form: Dust and fumes

IRON OXIDE BLACK
IRON OXIDE

ACGIH TLV (United States, 1/2005).

TWA: 10 mg/m³ 8 hour(s). Form: All forms

OSHA PEL (United States, 8/1997).

TITANIUM DIOXIDE

SILICA, CRYSTALLINE

TWA: 15 mg/m³ 8 hour(s). Form: Total dust
 OSHA PEL 1989 (United States, 3/1989).
 TWA: 10 mg/m³ 8 hour(s). Form: Total dust
 ACGIH TLV (United States, 1/2005).
 TWA: 0.05 mg/m³ 8 hour(s). Form: Respirable fraction
 NIOSH REL (United States, 12/2001).
 TWA: 0.05 mg/m³ 10 hour(s). Form: All forms
 OSHA PEL 1989 (United States, 3/1989).
 TWA: 0.1 mg/m³ 8 hour(s). Form: Respirable dust

Section 9. Physical and Chemical Properties

Odor	Odorless.
Color	Brown with gold highlights.
Physical State and Appearance	Solid. (Brown with gold highlights, lustrous, odorless powder)
Molecular Weight	Not applicable.
Molecular Formula	Not applicable.
pH	6 to 10 (Conc. (% w/w): 10)
Boiling/Condensation Point	Not available.
Melting/Freezing Point	Not available.
Specific Gravity	Not available.
Vapor Pressure	Not available.
Vapor Density	Not available.
Odor Threshold	Not available.
Evaporation Rate	Not available.
LogK _{ow}	Not available.
Solubility	insoluble in water.

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Conditions of Instability	Avoid excessive heat.
Incompatibility with Various Substances	Not available.
Hazardous Decomposition Products	Not available.
Hazardous Polymerization	Will not occur.

+ Section 11. Toxicological Information

RTECS Number:	Mica (mineral) Iron Oxide, Black Iron Oxide Titanium Dioxide	VV8760000 Not available. NO7400000 XR2275000
Toxicity	Acute oral toxicity (LD ₅₀): >16000 mg/kg [Rat]. (MICA (mineral)).	
Chronic Effects on Humans	<p>CARCINOGENIC EFFECTS: IRON OXIDE: Group 3 by IARC, Group A4 ACGIH (Not classifiable for human or animal). TITANIUM DIOXIDE: Group 3 by IARC, Group A4 ACGIH (Not classifiable for human or animal). SILICA, CRYSTALLINE: Group 1 by IARC, NTP and NIOSH. Group A2 by ACGIH (Suspected for human).</p> <p>MUTAGENIC EFFECTS: Not Available</p> <p>TERATOGENIC EFFECTS: Not available.</p> <p>DEVELOPMENTAL TOXICITY: Not available.</p> <p>The substance is toxic to lungs, upper respiratory tract, skin, eye, lens or cornea. Repeated or prolonged exposure to the substance can produce target organs damage.</p>	
Acute Effects on Humans	May be hazardous in case of eye contact (irritant). May be hazardous in case of skin contact (irritant). May be hazardous in case of inhalation (lung irritant).	
Synergetic Products (Toxicologically)	Not available.	
Irritancy	<u>Draize Test:</u> Not available.	
Sensitization	Not available.	
Toxicity to Reproductive System	Not available.	
Teratogenic Effects	Not available.	
Mutagenic Effects	Not available.	

Section 12. Ecological Information

Ecotoxicity	Not available.
BOD5 and COD	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 This product or its components are listed on or compliant with the TSCA Inventory.
 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); IRON OXIDE; TITANIUM DIOXIDE
 SARA 311/312 MSDS distribution - chemical inventory - hazard identification: MICA (mineral): Immediate (Acute) Health Hazard; IRON OXIDE: Delayed (Chronic) 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).
 This product or its components are listed on or compliant with the DSL/NDL.

International Regulations

EINECS	MICA (mineral)	3101276
	IRON OXIDE BLACK	215-277-5
	IRON OXIDE	215-168-2
	TITANIUM DIOXIDE	236-675-5

DSCL (EEC) This product is not classified according to the EU regulations.

International Lists This product or its components are compliant with the following International Lists:
 AUSTRALIA (NICNAS), CHINA, JAPAN (MITI), KOREA (TCCL), PHILIPPINES (RA6969)

State Regulations Pennsylvania RTK: IRON OXIDE: (environmental hazard, generic environmental hazard); TITANIUM DIOXIDE: (generic environmental hazard)
 Massachusetts RTK: MICA (mineral); IRON OXIDE; TITANIUM DIOXIDE
 New Jersey: MICA (mineral); IRON OXIDE; TITANIUM DIOXIDE
 California prop 65: The State of California has found silica, crystalline (airborne particles of respirable size) to cause cancer, which would require a warning under the statute.

Section 16. Other Information

National Fire Protection Association (U.S.A.)



Other Special Considerations No additional information.

Changed Since Last Revision (Section Label) +

Notice to Reader

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