

Material Safety Data Sheet

Section 1. Product and Company Identification

Product Name	Colorona Bordeaux Cosmetic Pigment		
Supplier	TKB Trading, LLC 1101 9th Avenue Oakland, CA 94606 510-451-9011	Effective Date	5/18/2003
		Print Date	5/18/2003

Material Uses	Cosmetic Pigments
Chemical Family	Inorganic pigment.

Section 2. Composition and Information on Ingredients

Component	CAS #	% by Weight
IRON OXIDE	1309-37-1	46-55
MICA (mineral)	12001-26-2	45-54

Section 3. Hazards Identification

Physical State and Appearance	Solid. (Burgundy, odorless, lustrous powder)
Emergency Overview	MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN IRRITATION.
Routes of Entry	Eye contact. Inhalation. Ingestion (not anticipated).
Potential Acute Health Effects	<p>Eyes May cause eye irritation. Symptoms include: itching and redness after contact.</p> <p>Skin May cause mild skin irritation. Symptoms include: itching and redness after contact.</p> <p>Inhalation May cause respiratory tract irritation. Symptoms include: coughing, wheezing or shortness of breath when inhaled.</p> <p>Ingestion Not an intended route of exposure. May be hazardous in case of ingestion. Symptoms include: gastrointestinal tract upset and diarrhea.</p>
Potential Chronic Health Effects	Additional information See Toxicological Information (section 11)
Medical Conditions Aggravated by Overexposure:	Repeated or prolonged inhalation of any dust particulate may aggravate respiratory medical conditions.

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. 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.

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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.

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 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. Check TLV in Section 8 of MSDS and with local authorities.

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

Section 7. Handling and Storage

Handling Avoid generating dust. Avoid breathing dust. Use only with adequate ventilation. Avoid prolonged or repeated contact with skin. Avoid contact with eyes. 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

Eyes Safety glasses.

Body Lab coat.

Respiratory Dust mask. Use additional appropriate respiratory protection if there is the potential to exceed the exposure limit(s).

Hands Recommended: Gloves.

Feet Not applicable.

Protective Clothing (Pictograms)



Personal Protection in Case of a Large Spill Splash goggles. Synthetic apron. Gloves. Wear MSHA/NIOSH approved self-contained breathing apparatus or equivalent and full protective gear.

Product Name **Exposure Limits**

IRON OXIDE	<p>ACGIH (United States, 1996). TWA: 5 mg/m³</p> <p>OSHA (United States, 1989). Notes: Total STEL: 10 ppm</p> <p>ACGIH (United States, 1997). TWA: 10 mg/m³ 8 hour(s). TWA: 5 mg/m³ 8 hour(s). Form: Dust and fumes</p> <p>NIOSH REL (United States, 1994). TWA: 5 mg/m³ 10 hour(s). Form: Dust and fumes</p> <p>OSHA Final Rule (United States, 1989). STEL: 10 ppm 15 minute(s). Form: Total particulates</p>
MICA (mineral)	<p>ACGIH (United States, 1994). TWA: 3 mg/m³</p> <p>OSHA (United States, 1989). Notes: Respirable TWA: 3 mg/m³</p> <p>ACGIH (United States, 1994). TWA: 3 mg/m³ 8 hour(s).</p> <p>NIOSH REL (United States, 1994). TWA: 3 mg/m³ 10 hour(s). Form: Respirable fraction</p> <p>OSHA Final Rule (United States, 1989). TWA: 3 mg/m³ 8 hour(s). Form: Respirable dust</p>

Section 9. Physical and Chemical Properties

Odor	odorless
Color	burgundy
Physical State and Appearance	Solid. (Burgundy, odorless, lustrous powder)
Molecular Weight	Mixture.
Molecular Formula	Not applicable.
pH	3 to 7 (Conc. (% w/w): 10)
Melting/Freezing Point	Not available.
Specific Gravity	Not applicable.
Density	Bulk density 2.8 to 3.7 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 Mica (mineral)	NO7400000 VV8760000
Toxicity	Acute oral toxicity (LD50): >16000 mg/kg [Rat].	

Chronic Effects on Humans

CARCINOGENIC EFFECTS: Classified None. by NIOSH [IRON OXIDE]. Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC [IRON OXIDE].

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available.

The substance is toxic to eyes.

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 The product itself and its products of degradation are not toxic.

Section 13. Disposal Considerations

EPA Waste Number Non-hazardous 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; MICA (mineral)
 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: IRON OXIDE; MICA (mineral)
 SARA 311/312 MSDS distribution - chemical inventory - hazard identification: IRON OXIDE: Immediate (Acute) Health Hazard; MICA (mineral): Immediate (Acute) Health Hazard
 SARA 313 toxic chemical notification and release reporting: 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; MICA (mineral)

International Regulations

EINECS IRON OXIDE 215-168-2
 MICA (mineral) 3101276

DSCL (EEC) S22- Do not breathe dust.

International Lists Australia (NICNAS): IRON OXIDE; MICA
 Japan (MITI): IRON OXIDE; MICA
 Korea (TCCL): IRON OXIDE; MICA
 Philippines (RA6969): IRON OXIDE; MICA

State Regulations Pennsylvania RTK: IRON OXIDE: (generic environmental hazard)
 Massachusetts RTK: IRON OXIDE; MICA (mineral)
 New Jersey: IRON OXIDE; MICA (mineral)

Section 16. Other Information

**Hazardous Material
 Information System
 (U.S.A.)**

Health	*	1
Fire Hazard		0
Reactivity		0
Personal Protection		E

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

**Other Special
 Considerations** Not available.

Changed Since Last Revision 

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