

Safety Data Sheet

Dark Brown (Matte) Oxide Pigment Powder

1. Identification of the Substance/Mixture and of the Company

1.1 Product Identifier

Product Name: Dark Brown (Matte) Oxide Pigment Powder

1.2 Relevant Identified Product Use

Intended Use: Used in customer substance/mixture/product.

1.3 Details of the Supplier of the Safety Data Sheet

Candora Soap Inc.
980 Adelaide St. S,
London, On. N6E-1R3
519-685-3111
www.candorasoap.ca

1.4 Emergency Telephone Number

(800) 255-3924 Domestic USA, Canada, Puerto Rico, and US Virgin Islands
+1 (813) 248-0585 International

2. Hazards Identification

Classification of the Substance or Mixture

According to Regulation (EC) No. 1272/2008(CLP): Not classified.
According to Directive 67/548/EEC & Directive 1999/45/EC: Not classified.
Additional Information: Not available.

Label Elements

GHS Label Elements: Not applicable.
Hazard Pictograms(s): Not applicable.
Signal Word(s) Not applicable.
Hazard Statement(s): Not applicable.
Precautionary Statement(s): Not applicable.
Other Hazards: None known.

Safety Data Sheet

Dark Brown (Matte) Oxide Pigment Powder

3. Composition/Information on Ingredients

3.1 Composition

Chemical Family: Red, Yellow, and Black Iron Oxide. Contains no hazardous ingredients.

Common Chemical Name	CAS#	EC#	Colour Index	Chemical Composition	Hazard Classification According to Directive 67/548/EEC & Directive 1999/45/EC. Regulation (EC) No. 1272/2008 (CLP)
Red Iron Oxide	1309-37-1	215-168-2	77491	99-100	Not classified.
Yellow Iron Oxide	20344-49-4	215-168-2	77492	99-100	Not classified.
Black Iron Oxide	1317-61-9	215-277-5	77499	99-100	Not classified.

4. First Aid Measures

4.1 Description of First Aid Measures

Inhalation: In case of complications caused by inhalation, remove from exposure site to fresh air and keep at rest.

Eye Exposure: Thoroughly flush with gently flowing fresh water. Get medical attention if irritation occurs.

Skin Exposure: Wash affected skin with plenty of water.

Ingestion: Rinse mouth out with water, drink milk or egg whites.

Notes to Physician: No special measures are required.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Acute Symptoms: None.

Delayed (Repeated, Long Term) Symptoms: May cause irritation to the respiratory system, coughing and increased difficulty in breathing.

4.3 Indication of any Immediate Medical Attention and Special Treatment Needed

Recommended:

- a) Chest X-Ray
- b) Lung Functionality Tests

Safety Data Sheet

Dark Brown (Matte) Oxide Pigment Powder

5. Firefighting Measures

5.1 Extinguishing Media

Suitable: Extinguish with water spray, foam, or dry chemical.

Unsuitable: Carbon dioxide.

5.2 Special Hazards Arising from the Substance or Mixture

Thermal Hazards: Non-combustible. None anticipated.

Advice for Firefighters: Firefighters should wear complete protective clothing, including a self-contained breathing apparatus.

6. Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions: Do not breathe dust.

Personal Protection Equipment: Wear appropriate personal protective equipment. Avoid direct contact.

In Case of Emergency: A self-contained breathing apparatus and suitable protective clothing should be worn in the event of fire.

Environmental Precautions: Do not allow to enter drains, sewers, or watercourses.

Methods and Materials for Containment and Cleaning Up: Collect mechanically and dispose of according to Section 13. Use vacuum equipment for collecting spilt materials, where practicable.

References to Other Sections: See sections 8 and 13.

7. Handling and Storage

7.1 Precautions for Safe Handling

Avoid breathing dust.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Keep container in a well-ventilated place.

7.3 Specific End Uses

Safety Data Sheet

Dark Brown (Matte) Oxide Pigment Powder

No information available.

8. Exposure Controls/Personal Protection

Control Parameters:	Provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures.
Exposure Limit Values:	No information available.
Exposure Controls	
Appropriate Engineering Controls:	Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded. Isolate the dispersive process step away from other operations. This can be achieved by local exhaust ventilation or general ventilation.
Individual Protection Measures, Such as Personal Protective Equipment (PPE)	
Hand/Eye/Face Protection:	Wear gloves, eye protection (goggles that give complete protection to the eyes) and an approved dust mask (covers the nose and mouth) if dust is generated during handling.
Skin Protection:	Apron or other light protective clothing, boots and plastic or synthetic rubber gloves.
Respiratory Protection:	Dust mask covering nose and mouth.
Thermal Hazards:	None.
Environmental Exposure Controls:	Avoid dust generation. Avoid accumulation of dust.

9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Appearance:	Powder.
Colour:	Brown.
Odour:	Odourless.
Boiling Point °C:	Not applicable.
Melting Point °C:	No data.
Freezing Point °C:	Not applicable.
Density:	5.0 g/ml
Bulk Density:	1.0-1.4 g/ml
Vapour Pressure:	Not applicable.
Solubility (in Water):	Insoluble.

Safety Data Sheet

Dark Brown (Matte) Oxide Pigment Powder

Particle Size: 0.1*0.7 μm

10. Stability and Reactivity

Reactivity:	There may be violent or incandescent reactions of the product with metals at high temperatures (e.g. aluminum, calcium, magnesium, potassium, sodium, zinc, lithium).
Chemical Stability:	Stable under normal conditions.
Possibility of Hazardous Reactions:	None.
Conditions to Avoid:	High temperature.
Incompatible Materials:	Strongly acidic, strongly alkaline, oxidizing agents.
Decomposition Products:	No information available.

11. Toxicological Information

11.1 Information on Toxicological Effects

This inorganic pigment in general is considered to be practically nontoxic.

Acute Toxicity:	Not available.
Carcinogenicity:	Not available.

12. Ecological Information

Toxicity:	No data.
Persistence and Degradability:	Insoluble in water. This product is predicted not to degrade in soil and water.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	Not applicable.
Results of PBT and vPvB assessment:	Not applicable.
Other Adverse Effects:	Not known.

13. Disposal Conditions

13.1 Waste Treatment Methods

Dispose of in accordance with all local, federal or provincial, and national regulations.

Safety Data Sheet

Dark Brown (Matte) Oxide Pigment Powder

14. Transport Information

Not classed as dangerous for transportation.

International Transport Regulations	ADR/RID	AND	IMDG	ICAO/IATA
UN Number	Not applicable.	Not applicable.	Not applicable.	Not applicable.
Proper Shipping Name	Not applicable.	Not applicable.	Not applicable.	Not applicable.
Transport Hazard Class(es)	Not applicable.	Not applicable.	Not applicable.	Not applicable.
Packing Group	Not applicable.	Not applicable.	Not applicable.	Not applicable.
Environmental Hazards	None.	None.	None.	None.
Special Precautions for User	None.	None.	None.	None.
Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code	Not applicable.	Not applicable.	Not applicable.	Not applicable.
Hazard Label(s)	Not applicable.			
Additional Information	Custom tariff No. 32061900.			

15. Regulatory Information

**According to Directive 67/548/EEC & Directive 1999/45/EC:
Safety, Health, and Environmental
Regulations/Legislations Specific for the
Substance or Mixture:**

Not classified as dangerous for supply/use.

Not available.

Safety Data Sheet

Dark Brown (Matte) Oxide Pigment Powder

16. Other Information

Annex to the extended Safety Data Sheet (eSDS)

ADR:	European Agreement concerning international carriage of dangerous goods by road.
CAS:	Chemical Abstracts Service
EC:	European Community
ICAO:	International Civil Aviation Organization
IMDG:	International Maritime Dangerous Goods
IATA:	International Air Transport Association

DATA SOURCES

NPIRI Raw Material Handbook, Volume 4, Pigments, Second Edition, 2001

Book on "Safe Handling of Pigments", European Edition 1995, BCMA, EPSOM ETAD, VsMi HSDB

NIOSH ICSC

Hazardous Substance Fact Sheet, New Jersey Department of Health and Senior Service

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Remarks:

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Safety Data Sheet

Dark Brown (Matte) Oxide Pigment Powder

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