



SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

Product Name: EcoColours® Earth Brown
Product Use: Water Based Decorative Colourant for Mulch/Wood Fibre
Product Code: 200243
Manufacturer Name: Prisum Coatings Canada Inc.
Address: 5 - 48 Sluse Road, Holland Landing, ON L9N 1G8 Canada.
Website: www.ecocolourants.ca
Emergency Phone Number: 1-289-338-4423
Information Phone Number: 1-289-338-4423
SDS Creation Date: 2019-01-16

SECTION 2 : HAZARD(S) IDENTIFICATION

Classification: This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) in concentrations that are equal or greater than reportable limits.

Label Elements: Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)
 Appearance: Liquid
 Odor: Little or no odor

Hazards not otherwise classified (HNOC): Not Applicable

Other Information: No information available.

SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS

Description: Non-Hazardous Material. This product is a water-based pigment dispersion.

Designation:	Weight %	CAS #	PEL	TLV	NIOSH REL
Iron Oxide	25 - 50%	1309-37-1	N/A	N/A	N/A
Carbon Black	1 - 5%	1333-86-4	N/A	N/A	N/A
Ammonium Hydroxide	<1%	1336-21-6	N/A	N/A	N/A

**The above noted ingredient(s) percentage is being withheld as a trade secret in accordance to OSHA Hazard Communication 1910.1200 Appendix D. The specific chemical identity and percentage is made available to health professionals, employees, and designated representatives in accordance with the applicable provisions.*

SECTION 4 : FIRST AID MEASURES

General Advice:	No hazards which require special first aid measures.
Eye Contact:	Immediately flush eyes with plenty of water for at least 15 minutes. If irritation develops, consult a physician.
Skin Contact:	Flush contaminated skin with plenty of water. Consult a physician if irritation develops.
Inhalation:	Move exposed person to fresh air. If irritation persists, get medical attention promptly.
Ingestion:	Do not induce vomiting. If victim is conscious, rinse mouth and give plenty of water to drink. Get medical attention immediately.
Notes To Physician:	Treat symptomatically (decontamination, vital functions).

SECTION 5 : FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Water spray, dry powder, foam, carbon dioxide. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Protective Equipment And Precautions For Firefighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Specific Hazards Arising From The Chemical:	Closed containers may rupture if exposed to fire or extreme heat.
Sensitivity To Mechanical Impact:	No
Sensitivity To Static Discharge:	No
Flash Point Data	
Flash Point (°F):	Not applicable
Flash Point (°C):	Not applicable
Flash Point Method:	Not applicable
Flammability Limits In Air	
Lower Explosion Limit:	Not applicable
Upper Explosion Limit:	Not applicable

NFPA **Health: 1** **Flammability: 0** **Instability: 0** **Special: Not applicable**

NFPA Legend

- 0 - Not Hazardous
- 1 - Slightly
- 2 - Moderate
- 3 - High
- 4 - Severe

The ratings assigned are only suggested ratings, the contractor/employer has ultimate responsibilities for NFPA ratings where this system is used.

Additional information regarding the NFPA rating system is available from the National Fire Protection Agency (NFPA) at www.nfpa.org.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

May be slippery when wet. Use caution during cleanup, use personal protective clothing, avoid contact with skin, eyes and clothing. Squeegee or broom spilled material and dispose in accordance with all local, provincial/state and federal regulations. Spills may be absorbed by an absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr) and dispose as solid waste according to your local, provincial/state and federal regulations. Clean up spills immediately observing precautions in the protective equipment section. Place into a suitable container for disposal. Provide ventilation. After removal, flush spill area with soap and water to remove trace residue.

Larger spills: Dike spillage. Pump off product.

Environmental precautions: Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater.

SECTION 7 : HANDLING AND STORAGE

Handling: Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing.

Storage: Store in a cool, dry, well ventilated area away from sources of heat, combustible materials, and incompatible substances. Keep container tightly closed when not in use. Do not freeze. Keep out of direct sunlight. Segregate from foods and animal feeds.

Protection against fire and explosion: No special precautions necessary. The substance/product is non-combustible. Product is not explosive.

Hygiene Practices: Wash thoroughly after handling. Avoid contact with eyes and skin.

SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with occupational exposure limits: Iron oxide:
OSHA PEL - PEL 10mg/m³ fumes/smoke ; TWA value 10 mg/m³ fumes smoke;
ACGIH TLV - TWA value 5 mg/m³ Respirable fraction;
Carbon black:
OSHA PEL - PEL 3.5mg/m³ fumes/smoke ; TWA value 3.5 mg/m³ fumes smoke;
ACGIH TLV - TWA value 3 mg/m³ Respirable fraction;

Engineering Measures: Whenever possible engineering controls should be used to minimize the need for personal protective equipment. Ensure adequate ventilation, especially in confined areas.

Protective Equipment

Eye/Face Protection: Safety glasses with side-shields. Tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists.

Skin Protection: Protective gloves and impervious clothing or chemical protection suit.

Respiratory Protection: In case of insufficient ventilation wear suitable respiratory equipment. Wear NIOSH certified (or equivalent) TC23C Chemical/Mechanical type filter system to remove a combination of particles, gas and vapours. For situations where airborne concentrations may exceed the level for which an air purifying respirator is effective, or where the levels are unknown or Immediately Dangerous to Life or Health (IDLH), use NIOSH-certified full facepiece pressure demand supplied-air respirator (SAR) with escape provisions.

Hygiene Measures: Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid
Odor:	Mild, Ammonia-like
Odor Threshold:	Not applicable.
Colour:	Brown
Boiling Point:	Approx 100°
Melting Point:	Not applicable
Density:	Approx 1.20-2.00 g/cm ³ (approx 20°C)
Solubility:	Not applicable
Vapor Density:	Not applicable
Vapor Pressure:	Approx 23 hPa (approx 20°C) information applies to solvent
Evaporation Rate:	Not applicable
pH:	approx 8 - 10 (undiluted)
Viscosity:	78 KU
Flammability:	No indication of flammability (based on chemical structure)
Flash Point:	Not applicable
Freezing Point:	32°F / 0°C
Partition coefficient: n-octanol/water;	Not applicable
Auto-ignition temperature:	Based on the water content the product does not ignite
Decomposition temperature:	No information available
Initial boiling point and boiling range:	Not applicable
Upper/lower flammability or explosive limits:	As a result of our experience with this product and our knowledge we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use

SECTION 10 : STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal temperatures and pressures.
Hazardous Polymerization:	Not reported.
Conditions to Avoid:	Heat, flames, incompatible materials, freezing - see SDS Section 7 - Handling and Storage.
Incompatible Materials:	Strong oxidizing agents. Strong acids and bases.

SECTION 11 : TOXICOLOGICAL INFORMATION

Route of Entry:	Inhalation. Skin. Eyes.
Toxicological:	No hazardous materials present. This product does not contain any ingredient designated by IARC, NTP, ACGIH, WHMIS, EC or OSHA, as probable or suspected human carcinogens.
Carcinogenicity:	Assessment of carcinogenicity: The product has not been tested. The statement has been derived from the properties of the individual components. The results of various animal studies gave no indication of a carcinogenic effect.

Information on carbon black Assessment of carcinogenicity: IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans). In long-term animal studies in which the substance was given by inhalation in high concentrations, a carcinogenic effect was observed. A clear indication of an increased risk of cancer in humans has so far not been shown. No carcinogenic potential can be deduced from other studies with rats and mice. The American Conference of Governmental Industrial Hygienists (ACGIH) has classified this substance as Group A3 - animal carcinogen.

SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity:	No ecological testing has been performed on this product. No ecotoxicity data was found for the product.
Environmental:	Dispose of contents and container properly. Do not dump. Contents will cause discoloration to soil and water.

SECTION 13 : DISPOSAL CONSIDERATIONS

Waste Disposal:	Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your provincial/state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.
------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

SECTION 14 : TRANSPORT INFORMATION

DOT Shipping Name:	Water Based Paint
DOT:	Not regulated.
Land Transport: TDG	Not classified as a dangerous good under transport regulations.
Sea Transport: IMDG	Not classified as a dangerous good under transport regulations.
Air Transport: IATA/ICAO	Not classified as a dangerous good under transport regulations.

SECTION 15 : REGULATORY INFORMATION

15.1. Federal regulations All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

15.2. International regulations No additional information available

15.3. US State regulations California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.

SECTION 16 : OTHER INFORMATION

The information given and recommendations made herein is believed to be accurate, but is not warranted to be so. The data is based upon information furnished by the manufacturers of the components of the product. It is the purchaser's responsibility before using any product to verify the operating conditions and to determine whether the product is suitable for their purposes. Furthermore, the manufacturer assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Questions regarding this product may be directed to the manufacturer in Section 1.

SDS Last Revision: 2019-07-16.

END OF SAFETY DATA SHEET.