

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 10.28.2021

Page 1 of 10

Brown 714 UXD

SECTION 1: Identification

Product Identifier

Product Name: Brown 714 UXD

Product code: EPPGP10-BR

Recommended Use of the Product and Restriction on Use

Relevant Identified Uses: Not determined or not applicable.

Uses Advised Against: Not determined or not applicable.

Reasons Why Uses Advised Against: Not determined or not applicable.

Manufacturer or Supplier Details

Manufacturer:

Canada

EcoPoxy Inc

Box 220

Morris, Manitoba R0G1K0

855-326-7699

info@ecopoxy.com

http://www.ecopoxy.com

Supplier:

United States

EcoPoxy USA, Inc

7003 114th Ave. N.

Largo, Florida 33773

1-855-326-7699

info@ecopoxy.com

http://www.ecopoxy.com

Emergency Telephone Number:

ChemTel

ChemTel Inc

+1 813 248 0585 (24)

United States

ChemTel Inc (US)

+1 800 255 3924 (24)

SECTION 2: Hazard(s) Identification

GHS Classification: Not a hazardous substance or mixture

Label elements

Hazard Pictograms: None

Signal Word: None

Hazard statements: None

Precautionary Statements: None

Hazards Not Otherwise Classified: None

SECTION 3: Composition/Information on Ingredients

Identification	Name	Weight %
CAS Number: 25791-96-2	Glycerol, propoxylated	50-70
CAS Number: 1309-37-1	Diiron trioxide	10-25

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 10.28.2021

Page 2 of 10

Brown 714 UXD

CAS Number: 1333-86-4	Bounded Carbon Black	5-15
CAS Number: 13463-67-7	Titanium Dioxide	1-5
CAS Number: 51274-00-1	Iron hydroxide oxide yellow	1-5

Additional Information: None

SECTION 4: First Aid Measures

Description of First Aid Measures

General Notes:

Not determined or not applicable.

After Inhalation:

Not determined or not applicable.

After Skin Contact:

Not determined or not applicable.

After Eye Contact:

Not determined or not applicable.

After Swallowing:

Not determined or not applicable.

Most Important Symptoms and Effects, Both Acute and Delayed

Acute Symptoms and Effects:

Not determined or not applicable.

Delayed Symptoms and Effects:

Not determined or not applicable.

Immediate Medical Attention and Special Treatment

Specific Treatment:

Not determined or not applicable.

Notes for the Doctor:

Not determined or not applicable.

SECTION 5: Firefighting Measures

Extinguishing Media

Suitable Extinguishing Media:

Not determined or not applicable.

Unsuitable Extinguishing Media:

Not determined or not applicable.

Specific Hazards During Fire-Fighting:

Not determined or not applicable.

Special Protective Equipment for Firefighters:

Not determined or not applicable.

Special precautions:

Not determined or not applicable.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 10.28.2021

Page 3 of 10

Brown 714 UXD

SECTION 6: Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures:

Not determined or not applicable.

Environmental Precautions:

Not determined or not applicable.

Methods and Material for Containment and Cleaning Up:

Not determined or not applicable.

Reference to Other Sections:

Not determined or not applicable.

SECTION 7: Handling and Storage

Precautions for Safe Handling:

Not determined or not applicable.

Conditions for Safe Storage, Including Any Incompatibilities:

Not determined or not applicable.

SECTION 8: Exposure Controls/Personal Protection

Only those substances with limit values have been included below.

Occupational Exposure Limit Values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
OSHA	Bounded Carbon Black	1333-86-4	8-Hour TWA-PEL: 3.5 mg/m ³
	Bounded Carbon Black	1333-86-4	8-Hour TWA: 5 mg/m ³ (inert or nuisance dust, respirable fraction)
	Bounded Carbon Black	1333-86-4	8-Hour TWA: 15 mg/m ³ (inert or nuisance dust, total dust)
	Bounded Carbon Black	1333-86-4	TWA: 5 mg/m ³ (particulates not otherwise regulated, respirable fraction)
	Bounded Carbon Black	1333-86-4	TWA: 15 mg/m ³ (particulates not otherwise regulated, total dust)
	Titanium Dioxide	13463-67-7	8-Hour TWA-PEL: 15 mg/m ³ (total dust)
	Diiron trioxide	1309-37-1	8-Hour TWA-PEL: 10 mg/m ³ (fume)
	Diiron trioxide	1309-37-1	8-Hour TWA-PEL: 15 mg/m ³ (Total dust)
	Diiron trioxide	1309-37-1	8-Hour TWA-PEL: 5 mg/m ³ (Respirable fraction)
NIOSH	Bounded Carbon Black	1333-86-4	8-Hour TWA-PEL: 0.1 mg/m ³ (in presence of polycyclic aromatic hydrocarbons (PAHs) - up to 10 hr)
	Bounded Carbon Black	1333-86-4	REL-TWA: 3.5 mg/m ³ (up to 10 hr)
	Bounded Carbon Black	1333-86-4	IDLH: 1750 mg/m ³
	Titanium Dioxide	13463-67-7	Level Limit Value: 0.2 mg/m ³ (LOQ - lowest feasible concentration)
	Titanium Dioxide	13463-67-7	REL-TWA: 0.3 mg/m ³ (for ultra fine TiO ₂ - up to 10 hrs.)
	Titanium Dioxide	13463-67-7	IDLH: 5000 mg/m ³
	Diiron trioxide	1309-37-1	REL-TWA: 5 mg/m ³ (up to 10 hrs. [dust and fume, as Fe])

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 10.28.2021

Page 4 of 10

Brown 714 UXD

Country (Legal Basis)	Substance	Identifier	Permissible concentration
	Diiron trioxide	1309-37-1	IDLH: 2500 mg/m ³ (dust and fume, as Fe)
ACGIH	Bounded Carbon Black	1333-86-4	TLV-TWA: 3 mg/m ³ (inhalable particulate matter (8-Hour Exposure Limit))
	Bounded Carbon Black	1333-86-4	TLV-TWA: 10 mg/m ³ (Particles (insoluble or poorly soluble) not otherwise specified, inhalable particles (8-Hour Exposure Limit))
	Bounded Carbon Black	1333-86-4	TLV-TWA: 3 mg/m ³ (Particles (insoluble or poorly soluble) not otherwise specified, respirable particles (8-Hour Exposure Limit))
	Titanium Dioxide	13463-67-7	8-Hour TWA: 10 mg/m ³
	Diiron trioxide	1309-37-1	8-Hour TWA: 5 mg/m ³ (respirable fraction)
United States(California)	Bounded Carbon Black	1333-86-4	8-Hour TWA-PEL: 3.5 mg/m ³
	Bounded Carbon Black	1333-86-4	8-Hour TWA: 5 mg/m ³ (particulates not otherwise regulated, respirable fraction)
	Bounded Carbon Black	1333-86-4	8-Hour TWA: 10 mg/m ³ (particulates not otherwise regulated, total dust)
	Titanium Dioxide	13463-67-7	8-Hour TWA-PEL: 10 mg/m ³ (total dust)
	Titanium Dioxide	13463-67-7	8-Hour TWA-PEL: 5 mg/m ³ (respirable fraction)
	Diiron trioxide	1309-37-1	8-Hour TWA-PEL: 5 mg/m ³ (fume)

Biological Limit Values:

No biological exposure limits noted for the ingredient(s).

Information on Monitoring Procedures:

Not determined or not applicable.

Appropriate Engineering Controls:

Not determined or not applicable.

Personal Protection Equipment

Eye and Face Protection:

Not determined or not applicable.

Skin and Body Protection:

Not determined or not applicable.

Respiratory Protection:

Not determined or not applicable.

General Hygienic Measures:

Not determined or not applicable.

SECTION 9: Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Appearance	Brown liquid
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Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 10.28.2021

Page 5 of 10

Brown 714 UXD

Odor	Mild
Odor threshold	Not determined or not available.
pH	Approx. 6
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	>199°C (>390°F)
Flash point (closed cup)	204 °C (399.2°F)
Evaporation rate	Not determined or not available.
Flammability (solid, gas)	Not determined or not available.
Upper flammability/explosive limit	Not determined or not available.
Lower flammability/explosive limit	Not determined or not available.
Vapor pressure	<0.0013 hPa (<0mm Hg) (<0.001 mm Hg)
Vapor density	Not determined or not available.
Density	1.11 g/cm ³ (9.26 lbs/gal)
Relative density	Not determined or not available.
Solubilities	Slightly soluble in water
Partition coefficient (n-octanol/water)	Not determined or not available.
Auto/Self-ignition temperature	Product is not self-igniting
Decomposition temperature	Not determined or not available.
Dynamic viscosity	5,800 + 1,750 cps
Kinematic viscosity	Not determined or not available.
Explosive properties	Product does not present an explosion hazard
Oxidizing properties	Non-oxidizing

SECTION 10: Stability and Reactivity

Reactivity:

Does not react under normal conditions of use and storage.

Chemical Stability:

Stable under normal conditions of use and storage.

Possibility of Hazardous Reactions:

None under normal conditions of use and storage.

Conditions to Avoid:

None known.

Incompatible Materials:

None known.

Hazardous Decomposition Products:

None known.

SECTION 11: Toxicological Information

Acute Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data:

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 10.28.2021

Page 6 of 10

Brown 714 UXD

Name	Route	Result
Bounded Carbon Black	oral	LD50 Rat: > 2000 mg/kg
	dermal	LD50 Rabbit: > 3000 mg/kg
Titanium Dioxide	oral	LD50 Mouse: > 5000 mg/kg
	inhalation	LC50 Rat: 5.09 mg/L (4 hr)
Diiron trioxide	oral	LD50 Rat: > 5000 mg/kg
	inhalation	LC50 Rat: 5.05 mg/L (4 hr (aerosol))
Iron hydroxide oxide yellow	oral	LD50 Rat: >10000 mg/kg
	inhalation	LC50 Rat: 5.05 mg/L (4 h, aerosol [Read-across substance])

Skin Corrosion/Irritation

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Serious Eye Damage/Irritation

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Respiratory or Skin Sensitization

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Carcinogenicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data:

Name	Species	Result
Bounded Carbon Black	Not applicable.	The carcinogenic classification only applies to airborne, unbound particles of respirable size.
Titanium Dioxide	Not applicable.	Airborne, unbound particles of respirable size are known to cause cancer.

International Agency for Research on Cancer (IARC):

Name	Classification
Bounded Carbon Black	Group 2B
Titanium Dioxide	Group 2B
Diiron trioxide	Group 3
Glycerol, propoxylated	Not Applicable
Iron hydroxide oxide yellow	Not Applicable

National Toxicology Program (NTP):

Name	Classification
Bounded Carbon Black	Not Applicable

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 10.28.2021

Page 7 of 10

Brown 714 UXD

Name	Classification
Titanium Dioxide	Not Applicable
Diiron trioxide	Not Applicable
Glycerol, propoxylated	Not Applicable
Iron hydroxide oxide yellow	Not Applicable

OSHA Carcinogens: Not applicable

Germ Cell Mutagenicity

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Reproductive Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Specific Target Organ Toxicity (Single Exposure)

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Specific Target Organ Toxicity (Repeated Exposure)

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Aspiration toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Information on Likely Routes of Exposure:

No data available.

Symptoms Related to the Physical, Chemical, and Toxicological Characteristics:

No data available.

Other Information:

No data available.

SECTION 12: Ecological Information

Acute (Short-Term) Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data:

Name	Result
Bounded Carbon Black	Fish LC50 Danio rerio: > 1000 mg/L (96 hr)
	Aquatic Plants EC50 Desmodemus subspicatus: > 10,000 mg/L (72 hr)

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 10.28.2021

Page 8 of 10

Brown 714 UXD

Name	Result
Glycerol, propoxylated	Fish LC50 Leuciscus idus: >1000 mg/L (96 hours)
	Aquatic Invertebrates EC50 Daphnia magna: >100 mg/L (48 hours)
Iron hydroxide oxide yellow	Aquatic Invertebrates EC50 Daphnia magna: 100 mg/L (48 hours)

Chronic (Long-Term) Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data:

Name	Result
Iron hydroxide oxide yellow	Fish NOEC Pimephales promelas: 1.5 mg/L (12 months)

Persistence and Degradability

Product Data: No data available.

Substance Data:

Name	Result
Bounded Carbon Black	Bulk forms of carbon black are not biodegraded by microorganisms.
Titanium Dioxide	Degradation/biodegradation testing is not relevant for metals and metal compounds that are not (bio)degradable, including titanium dioxide.
Glycerol, propoxylated	The substance is not readily biodegradable (30-40% degradation after 28 days, no further degradation even after 40 days).

Bioaccumulative Potential

Product Data: No data available.

Substance Data:

Name	Result
Bounded Carbon Black	Bioaccumulation is not expected to occur.

Mobility in Soil

Product Data: No data available.

Substance Data:

Name	Result
Glycerol, propoxylated	Koc at 20°C: 10

Results of PBT and vPvB assessment

Product Data:

PBT assessment: This product does not contain any substances that are assessed to be a PBT.

vPvB assessment: This product does not contain any substances that are assessed to be a vPvB.

Substance Data:

PBT assessment:

Bounded Carbon Black	The substance is not PBT.
Glycerol, propoxylated	The substance is not PBT.

vPvB assessment:

Bounded Carbon Black	The substance is not vPvB.
Glycerol, propoxylated	The substance is not vPvB.

Other Adverse Effects: No data available.

SECTION 13: Disposal Considerations

Disposal Methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 10.28.2021

Page 9 of 10

Brown 714 UXD

applicable regulatory entities

Contaminated packages:

Not determined or not applicable.

SECTION 14: Transport Information

United States Transportation of Dangerous Goods (49 CFR DOT)

UN Number	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

International Maritime Dangerous Goods (IMDG)

UN Number	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN Number	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

SECTION 15: Regulatory Information

United States Regulations

Inventory Listing (TSCA): All ingredients are listed-active or exempt.

Significant New Use Rule (TSCA Section 5): None of the ingredients are listed.

Export Notification under TSCA Section 12(b): None of the ingredients are listed.

SARA Section 302 Extremely Hazardous Substances: None of the ingredients are listed.

SARA Section 313 Toxic Chemicals: None of the ingredients are listed.

CERCLA: None of the ingredients are listed.

RCRA: None of the ingredients are listed.

Section 112(r) of the Clean Air Act (CAA): None of the ingredients are listed.

Massachusetts Right to Know:

1333-86-4	Bounded Carbon Black	Listed
13463-67-7	Titanium Dioxide	Listed
1309-37-1	Diiron trioxide	Listed

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 10.28.2021

Page 10 of 10

Brown 714 UXD

New Jersey Right to Know:

1333-86-4	Bounded Carbon Black	Listed
13463-67-7	Titanium Dioxide	Listed
1309-37-1	Diiron trioxide	Listed


New York Right to Know:

13463-67-7	Titanium Dioxide	Listed
1309-37-1	Diiron trioxide	Listed

Pennsylvania Right to Know:

1333-86-4	Bounded Carbon Black	Listed
13463-67-7	Titanium Dioxide	Listed
1309-37-1	Diiron trioxide	Listed

California Proposition 65:

 **WARNING:** This product can expose you to Titanium Dioxide; which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

SECTION 16: Other Information

Abbreviations and Acronyms: None

Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

NFPA: 0-0-0

HMIS: 0-0-0

Initial Preparation Date: 10.28.2021

End of Safety Data Sheet