

# Safety Data Sheet

## Section 1 - Chemical Product and Company Information

Product Name: Charcoal Beyond Paint    Product Code: CCR-0135  
Trade Name: Charcoal  
Manufactured for:  
Beyond Paint  
Clearwater, FL 33762

Chemtrec  
2900 Fairview Park Drive  
Falls Church, VA 22042-4513  
(800) 262-8200

Emergency Hot Line:  
(800) 424-9300

## Section 2 - Hazards Identification

### GHS Ratings:

Skin corrosive

3

Reversible adverse effects in dermal tissue, Draize score:  $\geq 1.5 < 2.3$

Carcinogen

1A

Known Human Carcinogen Based on human evidence

### GHS Hazards

H316

Causes mild skin irritation

H350

May cause cancer

### GHS Precautions

P201

Obtain special instructions before use

P202

Do not handle until all safety precautions have been read and understood

P281

Use personal protective equipment as required

P308+P313

IF exposed or concerned: Get medical advice/attention

P332+P313

If skin irritation occurs: Get medical advice/attention

P405

Store locked up

P501

Dispose of contents/container to ...

**Signal Word: Danger**

## Section 3 - Composition/Information on Ingredients

	Chemical Name	CAS number	Weight Concentration %
Water softened		7732-18-5	60.00% - 70.00%
		Inert	20.00% - 30.00%

CCR-0135

Reviewer Revision

BARIUM SULFATE

7727-43-7  
5.00% - 10.00%

2,2,4-TRIMETHYL 1,3- PENTENDIOL MONOISOBUTYRATE

25265-77-4  
1.00% - 5.00%

CARBON BLACK

1333-86-4  
0.10% - 1.00%

SILICA SAND

14808-60-7  
0.10% - 1.00%

## Section 4 - First Aid Measures

**INHALATION** - If product solids are inhaled either as dust or in the form of a spray mist, remove the person from exposure immediately. If breathing is difficult, irregular, or has stopped, start resuscitation; call a physician. Administer oxygen if a qualified operator is available.

**EYE CONTACT** - In case of eye contact, flush the eyes with water for fifteen (15) minutes. If contact lenses are worn, quickly remove them, then flush the eyes with water. Have a physician examine the eyes.

**SKIN CONTACT** - In case of skin contact, remove contaminated clothing. Flush the skin with large amounts of water, then wash the skin with soap and water. Call a POISON CENTER or doctor/physician if you feel unwell.

**INGESTION** - If material is ingested, seek immediate medical attention. Rinse mouth thoroughly. Do not induce vomiting.

**Notes to Physician:** Symptoms may be delayed.

## Section 5 - Fire Fighting Measures

Flash Point: > 100 C (>212 F)

LEL:

UEL:

**Flammable Limits:**

**EXTINGUISHING MEDIA:** Use carbon dioxide (CO<sub>2</sub>), "alcohol" foam, dry chemical, or water spray/water fog extinguishing systems.

**UNUSUAL FIRE OR EXPLOSION HAZARDS:** The product vapor is heavier than air and may travel a considerable distance to a source of ignition and flashback.

**HAZARDOUS COMBUSTION PRODUCTS:** See section 10 for a list of hazardous decomposition products for this mixture.

**FIRE FIGHTING:** If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure.

**FIRE FIGHTING EQUIPMENT:** Firemen and emergency responders: wear full turnout gear or Level A equipment, including positive-pressure, self-contained breathing apparatus (SCBA).

## Section 6 - Accidental Release Measures

**SPILL AND LEAK PROCEDURES:** Spill supervisor - Ensure cleanup personnel wear all appropriate Personal Protective Equipment (PPE), including respiratory protection. Remove all ignition sources. Keep nonessential personnel away from the contaminated area.

**SMALL SPILLS:** Ventilate the contaminated area. Using nonsparking tools, mix the appropriate sorbent into the spilled material. Use an absorbent like sawdust for aqueous, waterborne, and solvent-borne coatings.

Collect the saturated sorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes.

Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

**LARGE SPILLS:** Prevent this material from entering sewers and watercourses by diking or impounding the spilled material. Advise authorities if the product has entered or may enter, sewers, watercourses, or extensive land areas.

Ventilate the contaminated area. Using nonsparking tools, mix the appropriate sorbent into the spilled material. Use  
CCR-0135

an absorbent like sawdust for aqueous, waterborne, and solvent-borne coatings.

Collect the saturated sorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes.

Label the waste container. Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

## Section 7 - Handling and Storage

**HANDLING PRECAUTIONS:** Wear all appropriate Personal Protective Equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as vapors can accumulate in confined or poorly ventilated areas. Use the product in a manner which minimizes splashes and/or the creation of dust. Keep containers closed when not in use. Do not handle or store material near heat, sparks, open flames, or other sources of ignition. Store at room temperatures, i.e., 40 to 95 F (4 to 35 C).

**STORAGE:** Prevent from freezing. Do not store above 120 F (49 C).

Store only in original containers.

## Section 8 - Exposure Controls / Personal Protection

### Other Exposure Limits

	ACGIH Exposure Limits	OSHA Exposure Limits	Chemical Name / CAS No.
Water softened			
7732-18-5			
	No component of this product at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.		
	No component of this product at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.		
	Not Established		
Inert			
	Not Established		
	Not Established		
	Not Established		
BARIUM SULFATE			
7727-43-7			
	ACGIH TLV (USA) 10 (total dust) mg/m <sup>3</sup>		
	5 (respirable dust) mg/m <sup>3</sup>		
	10 mg/m <sup>3</sup>		
	OSHA PEL (USA) 15 (total dust) mg/m <sup>3</sup>		
	Not Established		
2,2,4-TRIMETHYL 1,3- PENTENDIOL MONOISOBUTYRATE			
25265-77-4			
	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.		
	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.		
	Not Established		
CARBON BLACK			
1333-86-4			
	3 mg/m <sup>3</sup> TWA (inhalable fraction)		
	3.5 mg/m <sup>3</sup> TWA		
	Not Established		
SILICA SAND			
14808-60-7			
	Not Established		
	Not Established		
	Not Established		

## Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstance:

Liquid

Slight Amine

CCR-0135

*Reviewer Revision*

**Appearance:**

**Odor:**

*Page 3 of 6*

Not Determined  
Not Determined  
Not Determined  
1.04  
Not Determined  
Not Determined  
Not Determined  
Not Determined  
100°C  
Not Determined  
Not Determined  
Not Determined  
Not Determined  
Not Determined  
Not Determined  
Not Determined  
Not Determined

**Vapor Pressure:**  
**Odor threshold:**  
**Vapor Density:**  
**Specific Gravity:**  
**Melting point:**  
**Freezing point:**  
**Solubility:**  
**Boiling range:**  
**Flash point:**  
**Evaporation rate:**  
**Flammability:**  
**Explosive Limits:**  
**Partition coefficient (n-octanol/water):**  
**Autoignition temperature:**  
**Decomposition temperature:**

## Section 10 - Stability and Reactivity

### Stability:

STABLE

**Incompatibilities/Conditions to avoid:** Elevated temperatures. Contact with oxidizing agent/oxidizers.

No Data Available

**Hazardous Decomposition:** Can produce Carbon Monoxide and/or Carbon Dioxide.

No Data Available

Hazardous polymerization will not occur.

## Section 11 - Toxicological Information

### Mixture Toxicity

#### Component Toxicity

25265-77-4

2,2,4-TRIMETHYL 1,3- PENTENDIOL MONOISOBUTYRATE

Inhalation LC50: 4 mg/L (Rat)

**Primary routes of entry:** Inhalation, Skin contact.

**Carcinogenicity:** The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

#### Carcinogen Rating

#### CAS Number

#### Description

#### % Weight

SILICA SAND:

14808-60-7

SILICA SAND

0.1 to 1.0%

CARBON BLACK :

1333-86-4

CARBON BLACK

0.1 to 1.0%

## Section 12 - Ecological Information

## **Component Ecotoxicity**

Water softened

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

### **BARIUM SULFATE**

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### **2,2,4-TRIMETHYL 1,3- PENTENDIOL MONOISOBUTYRATE**

Toxicity

Acute Toxicity

Fish

Product: No data available.

CCR-0135

Specified substance(s)  
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate LC-50 (Flathead Minnow, 96h): 33 mg/l

Aquatic invertebrates  
Product No data available.

Specified substance(s)  
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate EC-50 (Water Flea, 48h): 147.8 mg/l

Chronic Toxicity

Fish  
Product: No data available.

Specified substance(s)  
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate No data available

Aquatic invertebrates  
Product No data available

Specified substance(s)  
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate No data available

Mobility in soil: Log Koc - log koc: 1.5 - 2.8

Results of PBT and vPvB assessment:  
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate No data available.  
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate Not fulfilling PBT (persistent/bioaccumulative/toxic) criteria

Other adverse effects: No data available  
CARBON BLACK  
Toxicity  
EC50 Daphnia 1 5600 mg/l (Exposure time: 24 h - Species: Daphnia magna)

## **Section 13 - Disposal Considerations**

Dispose in accordance with all applicable regulations.

## **Section 14 - Transport Information**

This material is classified for transport as follows:

As cited in the IATA Dangerous Goods Handbook:

Section 3.3.1.3: Liquids described in Section 3.3.1.2 with a flash point exceeding 35°C which do not sustain combustion need not be considered as flammable liquids for the purpose of these Regulations

(b) their fire point according to ISO 2592:1973 is greater than 100°C

CCR-0135

Reviewer Revision

**Hazard Class**  
**Packing Group**  
**UN Number**  
**Proper Shipping Name**  
**Agency**  
DOT  
Water Based Paint  
Unregulated  
Non Hazardous  
IATA  
Water Based Paint  
Unregulated  
Non Hazardous  
ADR/RID  
Water Based Paint  
Unregulated  
Non Hazardous  
IMDG  
Water Based Paint  
Unregulated  
Non Hazardous

## Section 15 - Regulatory Information

### **All Components Listed**

#### **Regulation**

#### **Country**

## Section 16 - Other Information

### **Hazardous Material Information System (HMIS)**

#### **National Fire Protection Association (NFPA)**

#### **HMIS & NFPA Hazard Rating Legend**

\* = Chronic Health Hazard

0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

Special

Instability

Flammability

Health

1  
1  
0  
H

0

The material contained in this Safety Data Sheet is based on information supplied by the raw material suppliers of the individual components of this product. However, no warranty is expressed or implied regarding the accuracy of this information, or of any product, method or apparatus mentioned and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and health and safety of your employees and users of this material. As more information becomes available from our vendors additional revisions will be forthcoming.

Date Prepared: 5/11/2016

CCR-0135

Reviewer Revision