

Safety Data Sheet

Section 1 - Chemical Product and Company Information

Product Name: Bone Beyond Paint Product Code: CCR-0505
Trade Name: Off White
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:

Carcinogen

2

Limited evidence of human or animal carcinogenicity

GHS Hazards

H351

Suspected of causing 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

P405

Store locked up

P501

Dispose of contents/container to ...

Signal Word: Warning

Section 3 - Composition/Information on Ingredients

	Chemical Name CAS number Weight Concentration %
Water softened	7732-18-5 40.00% - 50.00% Inert 20.00% - 30.00%
TITANIUM DIOXIDE	13463-67-7 20.00% - 30.00%
NEPHELINE SYENITE	37244-96-5 1.00% - 5.00%
2,2,4-TRIMETHYL 1,3- PENTENDIOL MONOISOBUTYRATE	25265-77-4 1.00% - 5.00%
CCR-0505	

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 (CO₂), "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 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.

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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		
TITANIUM DIOXIDE			
13463-67-7			
	ACGIH TLV TWA (inhalable particles) 10 mg/m ³		
	OSHA PEL TWA (Total Dust) 15 mg/m ³ (50 mppcf*)		
	Not Established		
NEPHELINE SYENITE			
37244-96-5			
	10 mg/m ³ inhalable;		
	3 mg/m ³ respirable		
	10 mg/m ³ inhalable;		
	3 mg/m ³ respirable		
	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		

Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstance:

Liquid	Appearance:
Slight Amine	Odor:
Not Determined	Vapor Pressure:
Not Determined	Odor threshold:
Not Determined	Vapor Density:
1.05	Specific Gravity:

Not Determined

Not Determined

Not Determined

Not Determined

100°C

Not Determined

Not Determined

Not Determined

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Melting point:

Freezing point:

Solubility:

Boiling range:

Flash point:

Evaporation rate:

Flammability:

Explosive Limits:

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Not Determined

Not Determined

Not Determined

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

Inhalation Toxicity LC50: 60mg/L

Component Toxicity

13463-67-7

TITANIUM DIOXIDE

Inhalation LC50: 7 mg/L (Rat)

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

TITANIUM DIOXIDE:

13463-67-7

TITANIUM DIOXIDE

20 to 30%

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.

TITANIUM DIOXIDE

Ecotoxicity:

Fish: LC 50 - other fish - > 1,000 mg/l - 96h

Invertebrates: EC 50 - Daphnia magna (water flea) - > 1,000 mg/l - 48h

Persistence and degradability:

Readily degradable in the environment.

Bioaccumulative potential: No additional information.

Mobility in soil: No additional information.

Other adverse effects: No additional information.

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

Toxicity

Acute Toxicity

Fish

Product: No data available.

Specified substance(s)

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

Aquatic invertebrates

Product No data available.

Specified substance(s)

2,2,4-trimethyl-1,3-pentenediol 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-pentenediol monoisobutyrate No data available

Aquatic invertebrates

Product No data available

Specified substance(s)

2,2,4-trimethyl-1,3-pentenediol monoisobutyrate No data available

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

Results of PBT and vPvB No data available.

assessment:

2,2,4-trimethyl-1,3-pentenediol monoisobutyrate Not fulfilling PBT (persistent/bioaccumulative/toxic) criteria

Other adverse effects: No data available

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

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Hazard Class
Packing Group
UN Number
Proper Shipping Name
Agency
ADR/RID
Water Based Paint
Unregulated
Non Hazardous
DOT
Water Based Paint
Unregulated
Non Hazardous
IATA
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: 5/19/2016

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