

Bone Black Pigments

Ebonex Corporation

Safety Data Sheet

January, 2016

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

1.1 Product Identifier

Trade Name: Bone Ash 325 Mesh

CAS Name: Bone Ash

CAS Number: 68439-86-1

EINECS Number: 270-423-5

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against **Application of the Substance / the Preparation:** Mold Release Agent

1.3 Details of the Supplier of the Product

Ebonex Corporation

18400 Rialto

Melvindale, MI 48122

Tel: 313 388 0060

Fax: 313 388 6495

Info@ebonex.com

Technical@ebonex.com

1.4 Emergency Telephone Number: 313 388 0060

2. Hazards Identification

2.1 Classification of the Substance or Mixture

This product is considered non-hazardous under OSHA Hazard Communication Standard.

This material is considered as "Generally Regarded as Safe" (GRAS) by the FDA.

No GHS Hazard Pictograms correspond to this product.

2.2 Label Elements

Material is labeled with standard chemical hazard labels listing chemical name, health hazards, flammability, reactivity, and personal protection requirements.

2.3 Other Hazards

No other hazards are known to correspond with this product.

3. Composition/Information on Ingredients

3.1 Chemical Identity:

CAS No Designation: Bone Ash

CAS No: 68439-86-1

EINECS No: 270-423-5

3.2 Common Name and Synonyms:

Bone Ash

3.3 Impurities and Stabilizing Additives:

None Present

4. First Aid Measures

4.1 Description of First Aid Measures:

After Inhalation:

Move subject to fresh air.

After Skin Contact:

Wash affected skin with soap and water.

After Eye Contact:

Flush eyes with water generously for 10 minutes.

After Swallowing:

Rinse out mouth and then drink plenty of water.

4.2 Most Important Symptoms and Effects, both Acute and Delayed:

No further relevant information available.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed:

No further relevant information available.

5. Firefighting Measures

5.1 Extinguishing Media:

Suitable Extinguishing Agents

Water fog or spray, or extinguishing media appropriate for surrounding fire

5.2 Special Hazards Arising from the Substance or Mixture:

Exposure to flames causes material to smolder like charcoal

5.3 Advice for Firefighters:

Flash Point	Non-Combustible
Auto Ignition	Not Applicable
Lower Explosive Limit	Not Applicable
Upper Explosive Limit	Not Applicable

Protective Equipment

Wear self-contained breathing apparatus and protective gear

6. Accidental Release Measures**6.1 Personal Precautions, Protective Equipment and Emergency Procedures:**

No Special Handling Equipment Needed

6.2 Environmental Precautions:

No Applicable Data

6.3 Methods and Material for Containment and Cleaning Up:

Material leaves a dry spill, which can be swept up or vacuumed and incinerated, disposed of by landfill or general trash, according to local, state and federal ordinances.

7. Handling and Storage**7.1 Precautions for Safe Handling:**

Keep material from strong acids, as the material will decompose with contact. No special handling equipment necessary.

7.2 Conditions for Safe Storage, Including Incompatibilities:

Material can be stored at ambient temperature and low moisture. Keep material dry.

8. Exposure Controls/Personal Protection**8.1 Control Parameters:****Components with Limit Values That Require Monitoring at the Workplace:**

Not Required

8.2 Exposure Controls:**Personal Protective Equipment****Breathing Equipment**

A particulate dust mask is appropriate when handling the material. Use NIOSH/MSHA dust mask. Regulatory protection programs must be in compliance with 29CFR1910.134

Protection of Hands

Gloves are appropriate when handling the material.

Eye Protection

Goggles or safety glasses are appropriate when handling the material.

Engineering Controls

No special engineering controls to be used.

Other protective Equipment

No special protective equipment necessary.

9. Physical and Chemical Properties**9.1 Information on Basic Physical and Chemical Properties****General Information****Appearance:**

Form: Finely Ground Solid

Color: White

Odor: Slight Ammonia Odor

pH: 8.2-8.7

Viscosity: Not Applicable

Specific Gravity: 3.14

Vapor Density: Not Applicable

Vapor Pressure: Not Applicable

Melting Point: Not Applicable

Boiling Point: Not Applicable

Solubility in Water: Insoluble

% Volatility: Not Applicable

Evaporation Rate: Not Applicable

Flash Point: Not Applicable

Flammability: Not Applicable

Auto-Ignition Temperature: Not Applicable

9.2 Other Information:

The physical and chemical data given in Section 9 are typical values for this product and are not intended to be product specifications.

10. Stability and Reactivity**10.1 Reactivity**

No further relevant information available.

10.2 Chemical Stability

This material is considered stable.

10.3 Possibility of Hazardous Reactions:

No dangerous reactions known.

10.4 Conditions to Avoid:

No further relevant information available.

10.5 Incompatible Materials:

Strong acids can decompose the material.

10.6 Hazardous Decomposition Products:

No hazardous decomposition products associated with this material. However, caution should be taken in fire situations, as material can give off CO and CaO products.

11. Toxicological Information**11.1 Information on Toxicological Effects****Acute Toxicity:**

No specific health effects are known to occur with the material.

No documented cases of industrial illnesses from exposure to the material. Prolonged inhalation of high concentrations may lead to a deposition of tricalcium phosphate crystals in lung tissue.

Oral LD₅₀: >5000mg/Kg (Rat)

Primary Irritant Effect:

On the Skin: Non Irritant (Rabbit)

On the Eye: Non Irritant (Rabbit)

Sensitization: Non Sensitizer (Guinea Pig)

Subacute to Chronic Toxicity:

No further relevant information available.

Additional Toxicological Information:

No further relevant information available.

Listings:

USA TSCA (Toxic Substance Control Act)

8021-99-6 Charcoal, Bone

12. Ecological Information**12.1 Toxicity:****Aquatic Toxicity:** No further relevant information available.**12.2 Persistence and Degradability:**

No further relevant information available.

12.3 Bioaccumulative Potential:

No further relevant information available.

12.4 Mobility in Soil: No further relevant information available.**12.5 Other Adverse Effects:**

No further relevant information available.

13. Disposal Considerations**13.1 Waste Treatment Methods:**

Material leaves a dry spill, which can be swept up or vacuumed and incinerated, disposed of by landfill or general trash, according to local, state and federal ordinances.

13.2 Uncleaned Packagings:**Recommended Cleaning Agent:** Water, if necessary with soap.**14. Transport Information**

U.S. DOT Hazard Class	Non-regulated
14.1 UN Number ADR, ADN, IMDG, IATA	Void
14.2 UN Proper Shipping Name ADR, ADN, INDG, IATA	Void
14.3 Transport Hazard Class(es) ADR, ADN, IMDG, IATA Class	Void
14.4 Packing Group ADR, IMDG, IATA	Void
14.5 Environmental Hazards Marine Pollutant:	No

14.6 Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code

Not Applicable

14.7 Special Precautions for User

Not Applicable

Transport/Additional Information:

Not dangerous good according to international transport regulations.

15. Regulatory Information**Workplace Classification**

This product is considered non-hazardous under OSHA Hazard Communication Standard.
This material is considered as "Generally Regarded as Safe" (GRAS) by the FDA.

SARA Title 311/312

This material is not a hazardous chemical

SARA Title 313

This material does not contain a chemical which is listed in Sec 313 at or above "del minimis" concentrations.

CERCLA Information

Release of this material to air, land or water are not reportable to the National Response Center under the Comprehensive Environment Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act SARA Title III Section 304.

16. Other Information**HMIS Rating:**

SUBSTANCE IDENTITY	
Bone Black Pigments	
0	HEALTH
0	FLAMMABILITY
0	REACTIVITY
E	PERSONAL PROTECTION
HEALTH HAZARDS	
None	

The information contained herein relates only to the specific material identified. Ebonex Corporation believes that such information is accurate and reliable as of the date of the material safety data sheet, but no representation, guarantee or warranty, expresses or implied, is made as to the accuracy, reliability, or completeness of the information. Ebonex urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application.