

MATERIAL SAFETY DATA SHEET

Section 1. Chemical Product and Company Identification

Amazon Keratin : BTX Smoothing

Manufacturer: BKT Solutions Inc.
12385 SW 129th Ct. Unit 12
Miami, FL 33186
Tel/Fax: 305-514-0035

Prepared by: BKT Solutions Inc.
12385 SW 129th Ct. Unit 12
Miami, FL 33186
Tel: 305-514-0035
Emergency Contact: 305-514-0035

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Section 2. Composition, Information on Ingredients

INGREDIENTS:

Water
Cetyl Alcohol
Hydrolyzed Keratin
Aloe Barbadensis (Aloe Vera) Leaf Juice
Cyclopentasiloxane
Amodimethicone (and) Cetrimonium Chloride (and) Tridecylmeth-10
Stearammonium Chloride
Mineral Oil
Glycerin

Fragrance
Collagen
Silk Amino Acids
Hydrolyzed Wheat Protein
Hydrolyzed Rice Protein
Hydrolyzed Soy Protein
Hydrolyzed Silk Protein
Camelia Sinensis (Green Tea) Leaf Extract
Formaldehyde
Hydroxyethyl Cellulose
Stearamidopropyl Dimethylamine
EDTA

HAZARDOUS COMPONENTS

FORMALDEHYDE CAS# 50-00-0

Section 3. Hazard Identification

Potential Acute Health Effects: Hazardous in case of eye contact (irritant). Slightly hazardous in case of skin contact (irritant, sensitizer, permeator), of ingestion. Severe over-exposure can result in death.

Potential Chronic Health Effects: Slightly hazardous in case of skin contact (sensitizer).
CARCINOGENIC EFFECTS: Classified A2 (Suspected for human.) by ACGIH, 2A (Probable for human.) by IARC [Formaldehyde gas].
 The substance may be toxic to kidneys, liver, central nervous system (CNS).
 Repeated or prolonged exposure to the substance can produce target organs damage.
 Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

Do not ingest. Do not get in eyes or on skin or clothing. Avoid breathing vapor or mist.
 Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.
 Risk of cancer depends on duration and level of exposure.

Route(s) of entry: Oral, dermal, ocular

Health hazards:

Eyes: Corrosive to eyes

Skin: Irritating to skin. May cause skin burns.

Inhalation: Irritating by inhalation. May cause burns to respiratory system.

Ingestion: Very toxic if swallowed. May cause burns to mouth, throat, stomach.

Carcinogenic effects: Contains material which may cause cancer, depending on duration and level of exposure.

Section 4. First Aid Measures

Eye Contact:

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Get medical attention.

Skin Contact:

Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Cold water may be used.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion: If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

Section 5. Fire-fighting Measures

Flash Point: N/A

Method used: N/A

Auto Ignition Temperature: N/A

Extinguishing Media: Water Spray; Foam; Carbon Dioxide; Dry Chemical

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

Section 6. Accidental Release Measures

If emergency personnel are unavailable, contain spilled material. For small spills, add absorbent (soil may be used in the absence of other suitable materials) and use a non-sparking or explosion-proof means to transfer material to a sealable, appropriate container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

Section 7. Handling and Storage

Handling: Keep container closed. Use only with adequate ventilation. Avoid breathing vapor or mist. Keep away from heat, sparks and flame. Wash thoroughly after handling.

Storage: Store in a cool dry area. Protect from freezing and extreme heat. Keep out of reach of children. Keep container tightly closed and sealed until ready for use.

Section 8. Exposure Controls and Personal Protection

Specified Respiratory Protection: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Protective Gloves: Chemical-resistant, impervious gloves. Nitrile rubber recommended.

Ventilation required: Use only in a well-ventilated area. Use in enclosed areas may result in dangerous exposure.

OSHA Regulations (1910.1048c): 0.75 ppm in an 8-hour Time Weighted Average Exposure. Short Term Exposure Limit of 2 ppm in a 15 minute period.

ACGIH TLV: 0.3 ppm Ceiling

Eye Protection: Use safety goggles or a splash shield.

Other Protective Equipment: N/A

Work/Hygienic Practices: Wash hands and forearms thoroughly after handling product, before eating, smoking or drinking.

Section 9. Physical and Chemical Properties

Physical Form: White cream	Boiling Point: N/A	Melting Point: N/A
Specific Gravity: Approx. 1	pH: 4.0 – 5.5	Water Solubility: Slightly soluble
Vapor Density (air=1): Greater than 1		Evaporation Rate (Water=1): <1
Odor: Characteristic perfume		

Section 10. Stability and Reactivity

Product is stable

Incompatibility (materials to avoid): Slightly reactive with oxidizing and reducing materials, acids, alkalis

Hazardous Decomposition or Byproducts: N/A

Hazardous polymerization cannot occur.

Conditions to Avoid: Protect from extreme heat and freezing.

Section 11. Toxicological Information

Routes of Entry: Absorbed through skin. Eye contact. Inhalation.

Chronic Effects on Humans: CARCINOGENIC EFFECTS: Classified A2 (Suspected for human.) by ACGIH, 2A (Probable for human.) by IARC [Formaldehyde gas].

MUTAGENIC EFFECTS: Mutagenic for mammalian somatic cells. [Formaldehyde gas].

Mutagenic for bacteria

and/or yeast. [Formaldehyde gas].

Contains material which may cause damage to the following organs: kidneys, liver, central nervous system (CNS).

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant, sensitizer, permeator), of ingestion, of inhalation.

Section 12. Ecological Information

Large quantities should not be discharged into waterways to prevent pollution of the waterways.

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. The products of degradation are less toxic than the product itself.

Section 13. Disposal Considerations

Waste disposal:

The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Section 14. Transportation Information

FOR US AND INTERNATIONAL SHIPPING

Hazardous materials description and proper shipping name: DOT class not regulated

Hazard class: N/A

Identification number: None

Labels required: N/A

Section 15. Other information

When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard. Alteration of its characteristics by concentration, evaporation, addition of other substances, or other means may present hazards not specifically addressed herein and which must be evaluated by the user. The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, express or implied, is made and BKT Solutions, Inc. assumes no legal responsibility or liability whatsoever resulting from its use.

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Approved for Release

Gilmara Freire
President
BKT Solutions, Inc.