1 – IDENTIFICATION

Trade Name: EndoSequence® Root Repair Material - BC RRM

Product Identifier Number: 5018264U0

2 – HAZARDS IDENTIFICATION

GHS Classification and WHMIS 2015

Health Hazard

Hazard Class:

Hazard Category:

Signal Word:

 Hazard Statement:

Pictogram:

Skin irritation:

Eye irritation:

Precautionary Statements

P200: Wear protective gloves, protective clothing, eye protection and face protection.

P241: Specific respiratory protective equipment should be used. Double gloves are recommended.

P301: If skin irritation occurs: Get medical advice/attention.

P305: Keep out of reach of children.

P303: Follow good hygiene practices.

P307: Take off contaminated clothing and wash before reuse.

P315: Ifinskys: Keepcontainerwatertight.

Physical Hazard: This product reacts chemically with water or moisture, and specific immediate products of the reaction (i.e. calcium hydroxide) are present only while the product is setting or curing. It can produce a strong alkaline material that may be dry to the touch.

Precautionary Statements

P241: Specific respiratory protective equipment should be used. Double gloves are recommended.

3 – COMPOSITION / INFORMATION ON INGREDIENTS

CAS No.: 12168-85-3

EC Number: 202-2784-7

Registration No.: 6176381

Chemical Name: Barium Hydroxide.

Classification According to Regulation (EC) No. 1272/2008: Skin Irrit. 2

4 – FIRST AID MEASURES

Basic Information:

Type of Exposure:

Most Important Symptom(s)/Effect(s): Acute and Delayed:

First Aid Treatment:

Skin Contact:

• Skin irritation, delayed crusting or flaking of the skin.
• Prolonged exposure can cause severe skin damage in the form of chemical (caustic) burns.

• Wash skin thoroughly with water and mild neutral soap or mild detergent intended for use on skin.
• Wear goggles to remove any contaminated clothes and do not contribute to the classification of the product.

Eye Contact:

• Severe irritation,并在 possibly inflammation.
• Blindness in severe cases.

• Immediately rinse with water for several minutes.
• Remove contact lenses, if present and easy to do.
• Continue rinsing, include upper lids to remove all particles.
• Get immediate medical attention.

Inhalation:

• Irritation to the moist mucous membranes of the nose, throat and upper respiratory system.
• Pre-existing upper respiratory and lung disorders may be aggravated.

• Move exposed individual from the area into fresh air. Get medical attention if coughing and other symptoms do not subside.

Ingestion:

• Internal discomfort or irritation to the digestive tract.

• Do NOT induce vomiting.
• If individual is conscious, use water to rinse out the mouth and have the individual drink plenty of water.
• If vomiting occurs, keep patient forward or place on left side (head-down position if possible) to maintain an airway and prevent aspiration. Observe the individual carefully.
• Never give anything by mouth to an unconscious individual (i.e. showing signs of being sleepy or with reduced awareness).
• Get immediate medical attention.

5 – FIRE-FIGHTING MEASURES

Conditions of Flammability:

Not flammable or combustible.

Sustainable Extinguishing Media:

Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable Extinguishing Media:

None known.

5.3 – Special Protective Actions and Equipment for Fire-Fighters:

• Wear self-contained breathing apparatus and protective gloves for firefighting.
• Equipment should be thoroughly decontaminated after use.
• Prevent spillage from entering drains or water courses.

6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

• Wear appropriate personal protective equipment to prevent contamination of skin, eyes and personal clothing (see Section 8).
• Avoid contact with the product, heedfully prepared or prolonged wet skin exposure to the product.
• Avoid actions that cause dried products to become airborne.
• Avoid inhalation of dried product dust.
• Use a scoop or moist paper towel(s) to clean up spilled product.

Environmental Precautions:

• Prevent further spillage.
• Keep product away from drains, surface and ground water.

Methods and Materials for Containment and Cleaning Up:

• Use a scoop or moist paper towel(s) to clean up spilled product.
• Dispose of in a suitable sealed container.
• Dispose of waste product according to local state and federal regulations.
• Cover drapes.
• Wash spilled area with large amounts of water and dry thoroughly.

7 – HANDLING AND STORAGE

Precautions for Safe Handling:

• Avoid contact with skin and eyes.
• Avoid inhalation of dried product.
• Wear personal protective equipment.
• Remove contaminated clothing and personal protective equipment before entering eating areas.
• Wash hands after handling product.
• Remove contaminated clothing and personal protective equipment. Wash before eating.
• Avoid contact with aluminium, ammonium nitrate, chlorine or chloramine containing materials.

Conditions for Safe Storage:

• Do not store near ammonia, ammonia nitrate, chlorine or chloramine containing materials.
• Store at room temperature in a dry area.
• Store tightly closed in the original packaging.
• Keep dry until used.
• Protect from extreme heat and cold.
• Protect packaging against physical damage.
• Swarm away from incompatible materials, and from foods and beverages.
• Do not store near ammonium, ammonium nitrate, chlorine or chloramine containing materials.
8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Appropriate Engineering Controls

- Use and store in a well-ventilated area.

Personal Protective Equipment (PPE)

- Gloves material has to be impermeable and resistant to the glove material - 0.15 mm thick.
- Use proper glove removal technique (without touching glove’s outer surface) to avoid contact skin contact with glove.
- Remove contaminated gloves after use in accordance with applicable laws and good laboratory practice.
- Wash and dry hands after handling product.

Skin Protection

- Glove material has to be impermeable and resistant to the product.
- Use a cloth glove removal technique without touching glove’s outer surface to avoid contact with skin contact with glove.
- Remove contaminated gloves after use in accordance with applicable laws and good laboratory practice.
- Wash and dry hands after handling product.

9 – PHYSICAL AND CHEMICAL PROPERTIES

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<th>Appearance</th>
<th>State</th>
<th>Odour</th>
<th>Odour Threshold</th>
<th>pH</th>
<th>Initial Boiling and Boiling Range</th>
<th>Flash Point</th>
<th>Initial Flash Point or Ignition Temperature</th>
<th>Explosion Range</th>
<th>Flammability</th>
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<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
</tbody>
</table>

10 – STABILITY AND REACTIVITY

Reactivity

- Contact with water will result in hydration of the product and produces (caustic) calcium hydroxide.

Chemical Stability

- Stable under recommended storage conditions.
- Keep dry.

Incompatibilities

- Incompatible with acids, ammonia, ammonium nitrate, ammonium sulfate, hydrogen peroxide.

11 – TOXICOLOGICAL INFORMATION

Emergency Overviews

This is a white paste that poses little immediate hazard. A single-term exposure to the paste is not likely to cause serious harm. However, exposure of sufficient amount and duration (either single or multiple) to the moist product can cause serious irritation to the skin and eyes in the form of chemical burns. However, tissue damage can occur if not most areas of the body are exposed for sufficient duration to the product.

Inhalation

- Irritation to the moist mucus membranes of the nose, throat and upper respiratory system.
- Severe skin damage in the form of chemical burns.

Ingestion

- Not applicable, the product is not classified as Dangerous Goods.
- Ingestion of this product can cause severe irritation to the skin and eyes in the form of chemical burns.

Contact with eyes will result in hydration of the product and produces (caustic) calcium hydroxide.

12 – ECOLOGICAL INFORMATION

Persistence and Degradability

- Not available

Mobility in Soil

- Not available

Bioaccumulative Potential

- Not available

13 – DISPOSAL CONSIDERATIONS

Disposal Methods

- For the safe handling of disposing of this product, wear appropriate protective clothing to prevent contamination of skin, eyes or personal clothing (see Section 8). Disposal of waste product or contaminated material or waste containers.

Physical / Chemical Properties

- Product is classified as hazardous and toxic substance.
- Product is not a hazardous waste according to local state and federal regulations.

14 – TRANSPORT INFORMATION

UN Proper Shipping Name

- Product is not classified as organic per the GHS criteria.

Transport Risk Group (s)

- Product is not classified as hazardous.

Regulation (EU) No 1272/2008

- No applicable, the product is not classified as a hazardous substance.

15 – REGULATORY INFORMATION


This device is classified as an irritant:
- Skin irritation (Category 2)
- Eye irritation (Category 2)

Status under ESDG/GHS Hazard Communication Regulation, 21 CFR 1910.1200:

- The regulations in this product are: corrosive, respiratory, eye irritation, skin irritation, and respiratory sensitization.

16 – OTHER INFORMATION

Date of Preparation

- 03-04-2020

This product should be used according to manufacturer’s instructions. Safety precautions provided above may not be adequate for all individual or situations. Inexperienced product users should obtain proper training before using or handling this product. Users have the responsibility to comply with all laws and procedures applicable to the products: safe handling and use, determination of the suitability of the product for its intended use, and understand possible hazards associated with mixing this product with other products. The above information is intended to assist the user who does not possess the technical knowledge and skills and is a guide.

SAFETY DATA SHEET

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