

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

073203056

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

273032453 273032454 273032455

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

071207471 071207489 073203007

**Material Safety Data Sheet**  
May be used to comply with  
OSHA's Hazard Communication Standard.  
29 CFR 1900, 1200 Standard must be  
consulted for specific requirements.

**U.S. Department of Labor**  
**Occupational Safety and Health Administration**  
**(Non-Mandatory Form)**  
**Form Approved**  
**OMB No. 1218-0072**

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**IDENTITY** (As used on label and list)

Gutta Percha Points

**SECTION I**

**Manufacturer's Name**

Essential Dental Systems, Inc.

**Address (Number, Street, City, State, Zip)**

89 Leuning Street

South Hackensack, NJ 07606

**Emergency Telephone Number**

**Telephone Number for Information**

(201) 487-9090

**Date Prepared**

January 1, 2015

**SECTION II - Hazardous Ingredients/Identity Information**

**Hazardous Components**

**Other Limits**

(Specific Chemical Identity) OSHA PEL ACHIH TIV Recommended %Optional

None

**SECTION III -Physical/Chemical Characteristics**

**Boiling Point**

N/E

**Specific Gravity (H<sub>2</sub>O = 1)**

N/D

**Vapor Pressure (mm Hg)**

N/A

**Melting Point**

100°C

**Vapor Density (AIR =1)**

N/A

**Evaporation Rate (Butyl Acetate = 1)**

N/A

**Solubility in Water**

Insoluble

**Appearance and Odor**

Pink colored, odorless, waxy solid

**SECTION IV - Fire and Explosion Hazard Data**

**Flash Point (Method Used)**

N/A

**Flammable Limits**

**LEL**

N/A

**UEL**

N/A

**Extinguishing Media**

N/A

**Special Fire Fighting Procedures**

None

**Unusual Fire and Explosion Hazards**

None

**SECTION V - Reactivity Data****Stability**

Stable

**Conditions to Avoid**

N/A

**Incompatibility (Materials to Avoid)**

N/A

**Hazardous Decomposition or Byproducts**

N/A

**Hazardous Polymerization**

Will not Occur

X

**Conditions to Avoid**

N/A

**SECTION VI - Health Hazard Data****Routes of Entry:**

Inhalation

Skin

Ingestion

N/A

Possible

Possible

**Health Hazards (Acute and Chronic)**

N/A

**Carcinogenicity: NTP IARC Monographs OSHA Regulated**

N/A

**Signs and Symptoms of Exposure:**

Irritation or redness may occur due to allergic reaction.

**Medical Conditions Generally Aggravated by Exposure:**

Unknown

**Emergency and First Aid Procedures:**

Eyes- Flush with copious amounts of water. Skin- wash with soap and water.

**SECTION VII - Precautions for Safe Handling and Use:****Steps to Be Taken in Case Material is Released or Spilled:**

Sweep or wipe up with paper towels and dispose of in a suitable container.

**Waste Disposal Method**

Dispose of in accordance with Federal, State and Local authorities.

**Precautions to Be Taken in Handling and Storing:**

Store at normal room temperature.

**Other Precautions**

N/A

**SECTION VIII - Control Measures****Respiratory Protection (Specify Type)**

N/A

**Ventilation:**

Local Exhaust

Special

N/A

N/A

N/A

Mechanical (General)

Other

**Protective Gloves**

Eye Protection

Recommended

RECOMMENDED

**Other Protective Clothing or Equipment**

N/A

**Work/Hygienic Practices**

General Safe Practices

The data given here is based on current knowledge and experience. The data does not signify any warranty with regard to the product's properties.



# Gutta Percha

## Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

Date of issue: 08-01-2017

Version: 1.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Trade name : Gutta Percha

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Endodontic obturation material

Use of the substance/mixture : For professional use only

#### 1.3. Details of the supplier of the safety data sheet

Essential Dental Systems  
89 Leuning St, South Hackensack, NJ 07606  
Tel: (201) 487-9090  
Email: info@edsdental.com

#### 1.4. Emergency telephone number

Emergency number : +1-201-487-9090 9:00 a.m. to 5:00 p.m. Eastern Standard Time

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Not classified

#### 2.2. Label elements

##### GHS-US labelling

No labeling applicable

#### 2.3. Other hazards

Not hazardous according to OSHA criteria (29 CFR 1910.1200) and Regulation 1272/2008 EC.

#### 2.4. Unknown acute toxicity (GHS-US)

No data available

Refer to Section 16 for full text of the EU Classifications and R phrases.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

| Name                                   | Product identifier | %         | Classification |
|----------------------------------------|--------------------|-----------|----------------|
| Zinc Oxide                             | (CAS No) 1314-13-2 | 40 to 50% | Inorganic      |
| Gutta Percha (trans-1, 4-polyisoprene) | (CAS No) 9003-31-0 | 20 to 25% | Organic        |
| Barium Sulfate                         | (CAS No) 7727-43-7 | 15 to 20% | Inorganic      |

Refer to Section 16 for full text of the GHS and H phrases and EU Classifications and R phrases.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Assure fresh air breathing. Seek immediate medical advice.

First-aid measures after skin contact : Rinse and then wash skin thoroughly with water and soap. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

First-aid measures after eye contact : Do not rub the skin and eyes after direct contact with the product. Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

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First-aid measures after ingestion : If swallowed, rinse mouth with water (only if the person is conscious). Never give anything by mouth to an unconscious person. Do not induce vomiting unless directed to do so by medical personnel. Obtain emergency medical attention. Immediately call a POISON CENTER or doctor/physician.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after eye contact : Causes serious eye irritation. redness, itching, tears.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire. Foam. Dry powder. Carbon dioxide. Water spray. Sand.

### 5.2. Special hazards arising from the substance or mixture

No additional information available

### 5.3. Advice for firefighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protective equipment for firefighters : Do not enter fire area without proper protective equipment, including respiratory protection.

Other information : On combustion, forms: carbon oxides (CO and CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>). Hydrogen chloride.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into inert absorbent material. Collect spills and put it into appropriated container. Ensure all national/local regulations are observed. Dispose of contents/container to comply with applicable local, national and international regulations.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with eyes, skin, and clothing. Do not breathe mist. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Use good personal hygiene practices.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : A washing facility/water for eye and skin cleaning purposes should be present. Provide local exhaust or general room ventilation.

Storage conditions : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use. Keep out of reach of children. Keep away from food and drink. Keep away from sources of ignition - No smoking.

### 7.3. Specific end use(s)

No additional information available

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

- |                                  |                                                                                                                                                                                                                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appropriate engineering controls | : A washing facility/water for eye and skin cleaning purposes should be present. Provide local exhaust or general room ventilation.                                                                                                                                                                |
| Personal protective equipment    | : Personal protective equipment should be selected based upon the conditions under which this product is handled or used. Avoid all unnecessary exposure. Gloves. Protective goggles. Protective clothing. For certain operations, additional Personal Protection Equipment (PPE) may be required. |



- |                                 |                                                                       |
|---------------------------------|-----------------------------------------------------------------------|
| Hand protection                 | : Wear protective gloves.                                             |
| Eye protection                  | : Chemical goggles or safety glasses.                                 |
| Skin and body protection        | : Wear suitable protective clothing.                                  |
| Respiratory protection          | : Work in well-ventilated zones or use proper respiratory protection. |
| Environmental exposure controls | : Avoid release to the environment.                                   |
| Other information               | : Do not eat, drink or smoke during use.                              |

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

- |                                             |                                             |
|---------------------------------------------|---------------------------------------------|
| Physical state                              | : Solid                                     |
| Appearance                                  | : Rubber like pink cones                    |
| Colour                                      | : Pink                                      |
| Odour                                       | : Not available                             |
| Odour threshold                             | : No data available                         |
| pH                                          | : No data available                         |
| Relative evaporation rate (butyl acetate=1) | : No data available                         |
| Melting point                               | : Approx. 98.9°C (210°F)                    |
| Freezing point                              | : No data available                         |
| Boiling point                               | : No data available                         |
| Flash point                                 | : No data available                         |
| Auto-ignition temperature                   | : No data available                         |
| Decomposition temperature                   | : No data available                         |
| Flammability (solid, gas)                   | : No data available                         |
| Vapour pressure                             | : No data available                         |
| Relative vapour density at 20 °C            | : No data available                         |
| Relative density                            | : No data available                         |
| Density                                     | : 2.55 to 2.60 Specific Gravity (Water = 1) |
| Solubility                                  | : No data available                         |
| Log Pow                                     | : No data available                         |
| Log Kow                                     | : No data available                         |
| Viscosity, kinematic                        | : No data available                         |
| Viscosity, dynamic                          | : No data available                         |
| Explosive properties                        | : No data available                         |
| Oxidising properties                        | : No data available                         |
| Explosive limits                            | : No data available                         |

#### 9.2. Other information

No additional information available

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

Stable at normal conditions

#### 10.3. Possibility of hazardous reactions

None known

#### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures

#### 10.5. Incompatible materials

Strong oxidizing agents. Strong acids. Strong bases.

#### 10.6. Hazardous decomposition products

Not available

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

|                                                    |                                                                                                                                                                                        |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acute toxicity                                     | : Not classified<br>(Based on available data, the classification criteria are not met)                                                                                                 |
| Skin corrosion/irritation                          | : Not classified<br>(Based on available data, the classification criteria are not met)                                                                                                 |
| Serious eye damage/irritation                      | : Causes serious eye irritation.                                                                                                                                                       |
| Respiratory or skin sensitisation                  | : Not classified<br>(Based on available data, the classification criteria are not met)                                                                                                 |
| Germ cell mutagenicity                             | : Not classified<br>(Based on available data, the classification criteria are not met)                                                                                                 |
| Carcinogenicity                                    | : This product does not contain any carcinogens or potential carcinogens as listed by ACGIH, IARC, OSHA, or NTP.<br>(Based on available data, the classification criteria are not met) |
| Reproductive toxicity                              | : Not classified<br>(Based on available data, the classification criteria are not met)                                                                                                 |
| Specific target organ toxicity (single exposure)   | : Not classified<br>(Based on available data, the classification criteria are not met)                                                                                                 |
| Specific target organ toxicity (repeated exposure) | : Not classified<br>(Based on available data, the classification criteria are not met)                                                                                                 |
| Aspiration hazard                                  | : Not classified<br>(Based on available data, the classification criteria are not met)                                                                                                 |
| Symptoms/injuries after eye contact                | : Not expected under normal conditions of use.                                                                                                                                         |

### SECTION 12: Ecological information

#### 12.1. Toxicity

Not available

#### 12.2. Persistence and degradability

Not available

#### 12.3. Bioaccumulative potential

Not available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Effect on ozone layer : No additional information available

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Effect on the global warming : No known ecological damage caused by this product.

Other information : Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to comply with applicable local, national and international regulations.

Additional information : Do not re-use empty containers.

Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

In accordance with DOT

Not regulated for transport

#### Additional information

Other information : No supplementary information available.

#### ADR

Transport document description : No additional information available

#### Transport by sea

No additional information available

#### Air transport

No additional information available

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

No additional information available

#### 15.2. International regulations

##### CANADA

No additional information available

##### EU-Regulations

No additional information available

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

No additional information available

##### Classification according to Directive 67/548/EEC or 1999/45/EC

No additional information available

#### 15.2.2. National regulations

No additional information available

#### 15.3. US State regulations

No additional information available

### SECTION 16: Other information

Full text of Classification abbreviations used in Section 2 and 3: None

SDS US (GHS HazCom 2012)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*