

GuttaFill

Date Issued: 02-15-2018
EDCO 17.0047 REV A**1 – IDENTIFICATION**

Product Identifier	Trade Name	Product Identifier Number (REF)
	GUTTAFFILL GUTTA PERCHA	5026170U0, 5026171U0, 5026172U0, 5026173U0, 5026174U0, 5026175U0, 5026176U0

Product Use	Used to fill endodontic canals in root canal procedures.
Restrictions on Use	For dental use only.
Supplier	Brasseler U.S.A. Dental, LLC One Brasseler Boulevard Savannah, Georgia 31419, USA Tel: 1-800-841-4522
Emergency Contact	For Chemical Emergency ONLY (spill, leak, fire, exposure, or accident) call: CHEMTREC Tel: 1-800-262-8200 (USA) +1 703-741-5500 (International)

2 – HAZARDS IDENTIFICATION

GHS Classification and WHMIS 2015

Health Hazard	Hazard Class	Hazard Category	Signal Word	Hazard Statement	Pictogram
	Not Hazardous according to OSHA criteria (29 CFR 1910.1200)	Not applicable	None.	Not applicable	None.

Precautionary Statements	Not applicable	Not applicable
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Physical Hazard	Not applicable.
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Environment Hazard	Not applicable.
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3 – COMPOSITION / INFORMATION ON INGREDIENTS

CAS #	EC Number	Index No.	REACH Registration No.	Concentration (wt%)	Chemical Name	Classification According to 67/548/EEC	Classification According to Regulation (EC) No. 1278/2008 (CLP)
Not Available	Not applicable	Not applicable	Not applicable	40.0-60.0%	Liquid Crystal Resin	Not applicable	Not applicable
7727-43-7	Not applicable	Not applicable	Not applicable	20.0-25.0%	Barium sulfate (Sulfuric acid, barium salt 1:1)	Not applicable	Not applicable

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Not Available	Not applicable	Not applicable	Not applicable	20.0-25.0%	Gutta Percha	Not applicable	Not applicable
7440-33-7	Not applicable	Not applicable	Not applicable	< 0.25%	Tungsten (W)	Not applicable	Not applicable

Product is a pelletized form of a non-hazardous polymer with added barium sulfate and tungsten. No health or safety problems are anticipated from normal handling or use of the product.

4 – FIRST AID MEASURES

Route of Exposure	Most Important Symptoms/Effects, Acute and Delayed	First Aid Treatment
Skin Contact	<ul style="list-style-type: none"> Not expected to cause skin irritation. Symptoms may not appear immediately. 	<ul style="list-style-type: none"> If on skin: wash with plenty of soap and water. Call poison center or doctor if you feel unwell.
Eye Contact	<ul style="list-style-type: none"> Irritation. Symptoms may not appear immediately. 	<ul style="list-style-type: none"> If in eyes: rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call poison center or doctor if you feel unwell.
Inhalation	<ul style="list-style-type: none"> If present, dust may cause respiratory infection. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness and nose and throat pain. Symptoms may not appear immediately. 	<ul style="list-style-type: none"> If inhaled, call poison center or doctor if you feel unwell.
Ingestion	<ul style="list-style-type: none"> Product is expected to pass undigested through the digestive system. Symptoms may not appear immediately. 	<ul style="list-style-type: none"> If swallowed: call a poison control center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

General Advise	In case of accident or if you feel unwell, seek medical advice immediately (show the label or SOS where possible)
Note to Physicians	Symptoms may not appear immediately.

5 – FIRE-FIGHTING MEASURES

Conditions of Flammability	Not flammable or combustible by OSHA/WHMIS criteria. Dust generated from this product may form a flammable or explosive dust-air mixture.
Suitable Extinguishing Media	Dry chemical, CO2, water spray or regular foam. Move containers from fire area if you can do it without risk.

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Unsuitable Extinguishing Media	Not available.
Specific Hazards Arising From the Product	Not applicable.
Products of Combustion	Fluorine. Fluorine compounds. Oxides of sulphur.
Special Protective Actions Equipment and Precautions for Fire-Fighters	<ul style="list-style-type: none"> Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighter's protective clothing will only provide limited protection.


6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures	<ul style="list-style-type: none"> Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. Do not touch or walk through spilled material. Use personal protection recommended in Section 8.
Environmental Precautions	<ul style="list-style-type: none"> Keep out of drains, sewers, ditches and waterways.
Methods and Materials for Containment and Cleaning Up	<ul style="list-style-type: none"> Sweep up and shovel suitable containers for disposal. See Section 13 for disposable considerations.

7 – HANDLING AND STORAGE

Precautions for Safe Handling	<ul style="list-style-type: none"> Do not swallow. See Section 8 for information on Personal Protective Equipment.
Conditions for Safe Storage	<ul style="list-style-type: none"> Store away from incompatible materials. See Section 10 for information on Incompatible Materials. Keep out of reach of children.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION


Control Parameters	See Section 11 for exposure guidelines.	
Appropriate Engineering Controls	Not normally required.	
Individual Protections Measures, Such as Personal Protective Equipment (PPE)	Eye / Face Protection 	<ul style="list-style-type: none"> Safety glasses are recommended. Use equipment for eye protection that meets the standards referenced by CSA Standard CAN/CSA-Z94.3-92 and OSHA regulations in 29 CFR 1910.133 for Personal Protective Equipment

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	Skin Protection 	<ul style="list-style-type: none"> Wear protective gloves. Wear protective clothing.
	Respiratory Protection	<ul style="list-style-type: none"> Not normally required.
	Thermal Hazards	Not applicable.
	Hygiene Measures	<ul style="list-style-type: none"> Handle according to established industrial hygiene and safety practices.

9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	State	Solid; cylindrical pellets 1/8" x 1.8"	Upper / Lower Flammability or Explosive Limits	Not available.
	Colour	Salmon		
Odour	Odorless		Vapour Pressure	Not available.
Odour Threshold	Not available.		Vapour Density	Not available.
pH	Not available.		Relative Density	>1 (Water = 1)
Melting Point / Freezing Point	Not available.		Solubility (with water)	Insoluble in water.
Initial Boiling Point and Boiling Range	Not available.		Partition Coefficient: n-octanol / water	Not available.
Flash Point	Not available.		Auto-ignition Temperature	Not available.
Evaporation Rate	Not available.		Decomposition Temperature	Not available.
Flammability	See Section 5.		Viscosity	Not available.

10 – STABILITY AND REACTIVITY

Reactivity	Exposure to heat.
Chemical Stability	Stable under normal storage conditions.
Possibility of Hazardous Reactions	Not available
Conditions To Avoid	Exposure to heat. Do not allow to melt.
Incompatible Materials	None known.
Hazardous Decomposition Products	Not available.

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Emergency Overview	Not applicable.
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Numerical Measures of Toxicity				
Chemical Name	CAS #	ACGIH	OSHA PEL	LD ₅₀
Liquid crystal resin	Not available	No TLV established.	No PEL established.	Not available.
Barium sulfate	7727-43-7	5 mg/m ³ (TWA); inhalable fraction; the value is for particulate matter containing no asbestos and <1.0% crystalline silica (2013)	15 mg/m ³ (total dust) (TWA), 5mg/m ³ (respirable fraction) (TWA); 10 mg/m ³ (total dust) (TWA) [vacated]	Not available.
Gutta Percha	Not available	No TLV established.	No PEL established.	Not available.
Tungsten (W)	7440-33-7	5 mg/m ³ (TWA); 10 mg/m ³ (STEL); 1979	5 mg/m ³ (as Tungsten) (TWA); 10mg/m ³ (as Tungsten) (STEL) [Vacated]	Not available.

Routes of Exposure	Delayed and Immediate Effects Chronic Effects from Short and Long-Term Exposure	Target Organ(s)
Skin Contact	<ul style="list-style-type: none"> Not expected to cause skin irritation initially Prolonged or repeated contact may dry skin and cause irritation 	Skin
Eye Contact	<ul style="list-style-type: none"> May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision. 	Eyes
Inhalation	<ul style="list-style-type: none"> If present, dust may cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. Repeated or prolonged inhalation of Barium sulfate dust particles may cause effects on the lungs. This may result in baritosis (a form of benign pneumoconiosis) 	Respiratory system.
Ingestion	<ul style="list-style-type: none"> May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea. 	Gastrointestinal tract.

Acute Toxicity	Not available.
Skin Corrosion / Irritation	Not expected to cause skin irritation.
Serious Eye Damage / Irritation	Not available.
Respiratory or Skin Sensitization	Not available.
Germ Cell Mutagenicity	Not available.
Carcinogenicity (NTP, IARC, OSHA)	This product does not contain any carcinogens or potential carcinogens as listed by ACGIH, IARC, OSHA, or NTP.
Reproductive Toxicity	Not available.
Specific Target Organ Toxicity (STOT) – Single Exposure	Not available.
Specific Target Organ Toxicity (STOT) – Repeated Exposure	Not available.
Aspiration Hazard	Not available.
Interactive Effects	Not available.
Other Information	Not available.

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Toxicity	Not available.	Mobility in Soil	Not available.
Persistence and Degradability	Not available.	Other Adverse Effects	Not available.
Bioaccumulative Potential	Not available.		

13 – DISPOSAL CONSIDERATIONS

Disposal Methods	<ul style="list-style-type: none"> Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.
Physical / Chemical Properties Affecting Disposal Options	Not applicable
Discourage Sewage Disposal	Not applicable
Special Precautions for Incineration or Landfill	Not applicable

14 – TRANSPORT INFORMATION

UN Number	Not regulated.
UN Proper Shipping Name	Not applicable.
Transport Hazard Class(es)	Not applicable.
Packing Group	Not applicable.
Environmental Hazards	Not applicable
Precautions for User	Not applicable
Transport in Bulk (According to Annex II of MARPOL 73/78⁹ and the IBC Code)	Not applicable

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Chemical Inventories

US (TSCA)

- The components of this product are in compliance with the chemical notification requirements of TSCA.

Federal Regulations

Canada

- This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

WHMIS Classification: Not a Controlled Product.

Hazard Symbols: None

United States

- This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SARA Title III

No components are listed.

State Regulations

California

- California Prop65: This product does not contain chemicals known to the State of California to cause cancer, birth defects or reproductive harm.

16 – OTHER INFORMATION

Date of Preparation	02-15-2018
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The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for his own particular use.

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