# US Endodontics - Carrier Based Obturator

## Plastic Carrier:

### MATERIAL SAFETY DATA SHEET

<table>
<thead>
<tr>
<th>SECTION 1: PRODUCT SOURCE AND IDENTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supplier identity and address</td>
</tr>
<tr>
<td>US Endodontics</td>
</tr>
<tr>
<td>309 Wesley Street</td>
</tr>
<tr>
<td>Johnson City, Tn. 37601</td>
</tr>
<tr>
<td>Phone number 423-283-0047</td>
</tr>
<tr>
<td>Fax number: NA</td>
</tr>
</tbody>
</table>

### SECTION 2: SHIPPING CLASSIFICATION

Proper Shipping Name, Hazard Class, UN/NA Number Packing Group, Emergency Response Guide Number

Not regulated

### SECTION 3: SAFETY RATINGS AND HAZARDOUS INGREDIENT INFORMATION

<table>
<thead>
<tr>
<th>Note: An MSDS is not required for a solid item like this. This document is supplied for the occasions when it may become dusty and present an inhalation nuisance.</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
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</tbody>
</table>

- **Labels required per 49 CFR 172.101:** None
- **Size for "Limited quantity" per 49 CFR 173.150-155:** Not applicable
- **Reportable Quantity ("RQ") per 49 CFR172.101:** None or not possible in one non-bulk package
- **Reporting required by Title III Sec 313, 40 CFR 372, 29 CFR 1910.1200:** Exposure Limit Values
  - CAS# 313 Material or Component % RQ# TWA STEL
  - 7440-32-7 Tungsten 40-80 None 3.5 mg/m³ (as inhalable dust)
  - Not established Nuisance particles 20-60 None 5 mg/m³ 10 mg/m³

- **Note:** No component is listed in "THRESHOLD LIMIT VALUES AND BIOLOGICAL EXPOSURE INDICES FOR 2011" from ACGIH except as noted above. Components listed in TITLE III SEC 313 (EPCRA) are indicated by "Yes" above.

- **Emergency overview:** Product is a pelletized form of non hazardous polymer with added tungsten

- **Health:** None
- **Fire:** No
- **Reactivity:** No
- **ACGIH TLV:** Not established
- **NFPA 704:** Health 0 Flammability 1 Reactivity 0 Special NA
- **Hazard Rating:** Le 0 Sigt 1 Moderat 2 High 3 Extreme 4
- **Threshold limit value:** Not established on product.

- **TOCISA Status:** All ingredients listed
- **CERCLA RQ:** See Sec 2.
- **California Prop. 65:** None
- **Ingredients on cancer lists:** None

### SECTION 4: PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Grey 3/32 X 3/32 cylindrical pellets
- **Flash point deg. F (cc):** NA
- **Odor:** Nil
- **Initial boiling point deg. C:** NA
- **Specific gravity:** >1
- **Vapor pressure 20 deg C:** NA
- **pH reaction:** Not applicable
- **Melting point deg. C:** 280°C
- **% phosphorus:** None
- **Solubility in water:** Nil
- **VOC Content:** None
- **California Rule 102 (66):** Contains no photo chemically active materials.

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SECTION 5 - SAFE HANDLING AND STORAGE

General
Store as customary for non-hazardous raw materials. Avoid creating dust.
No health or safety problems are anticipated from the normal handling or use of this product.
Standard good housekeeping practices should be followed to minimize dust accumulation.

Protective equipment

Eyes
Safety glasses or goggles should be worn if there is possibility of eye contact.

Skin
No protection is usually required or considered beneficial.

Respiratory protection
None normally required. If risk of inhalation occurs, select and use equipment according to OSHA/NIOSH guidelines for nuisance dust.

Ventilation
A well ventilated work environment is recommended.

Other
None

SECTION 6 - HEALTH SAFETY DATA

Effects of acute or chronic over exposure

Eyes
Irritating to eyes. Flush immediately if powder gets into the eye. No chronic effects known.

Skin
No effects.

Inhalation
Dust may be irritating to breathing passages if present.

Ingestion
Not a likely source of chronic exposure.

SECTION 7 - PHYSICAL STABILITY AND REACTIVITY DATA

Explosive limits
Lower
None
Upper
None

Flash point:
See Sec 4

Conditions to avoid:

Do not allow to melt.

Chemical stability
Stable

Hazardous decomposition products:
No decomposition anticipated.

Hazardous polymerization:
Cannot occur.

Incompatibility:
None known

SECTION 8 - EMERGENCY RESPONSE PROCEDURES

Fire
Extinguishing media
Use equipment appropriate to the main cause of the fire.

Special procedures
None

Unusual hazards
None.

First Aid

Eyes
Flush with water for at least 15 min. Seek medical attention. See Sec. 6.

Skin
Wash exposed skin with soap and water until gone. Remove affected clothes rinse off, product and wash clothes before reuse.

Inhalation
If affected, remove individual to fresh air, get medical attention at once if there is any discomfort.

Ingestion
Get medical attention if problems develop. Product is expected to pass undigested through the digestive system.

Spills
Small / large spill
Sweep up for use or disposal as a solid waste. Comply with federal, state and local regulations on reporting spills.

Product as made does not qualify as an "Unlisted Hazardous Waste" for disposal situations.

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MSDS prepared by: R.N. Miller 1-800-342-3577.
Gutta Percha:

Section 1 – Composition/ Information on Hazardous Ingredients
Gutta Percha contain no hazardous components as defined in the OSHA Hazard Communications Standard (29 CFR 1910.1200) in a form which presents a potential exposure when used according to directions.

Section 2 – Health Identification
Over exposure can cause eye irritation, prolonged skin contact may cause local irritation, and ingestion may cause irritation. With inhalation, no hazards are anticipated under normal conditions of use.
Primary Route(s) of Entry: Eye, Skin, and Ingestion.
Carcinogen: No known carcinogenic effects.
Medical Conditions Aggravated by Exposure: None known.

Section 3 – First Aid Measures
Eyes: Flush with tepid water for at least 15 minutes. If irritation persists, seek medical attention.
Skin: If in contact with skin, flush affected area and wash with mild soap and water.
Ingestion: Ingestion of small amounts of this material under normal conditions would not cause serious harmful effects.
Inhalation: This product is considered safe when used according to directions.

Section 4 – Fire Fighting Measures
Flash Point (Test Method): N/A
Flammable Limits- LEL: N/A UEL: N/A
Extinguishing Media: Foam, dry chemical, or carbon dioxide.
Special fire Fighting Procedures: Self-contained breathing apparatus to prevent smoke inhalation.
Unusual fire and Explosion Hazards: None.

Section 5 – Physical and Chemical Properties
Physical State: Solid at ambient temperature.
Appearance and Odor: Pink cones, mild odor.
Boiling Point (°C): N/A
Specific Gravity (Water=1): 2.55 - 2.60
Evaporation Rate (butyl acetate= 1): N/A
Vapor Pressure (mm Hg): N/A
Vapor Density (Air=1): N/A
Solubility in Water: Negligible
Melting Point: Approx. 210 °F

Section 6 – Stability and Reactivity
Stability: Stable
Conditions to Avoid: Contact with oxidizing agents, heat, direct sunlight
Incapability/Materials to Avoid: oxidizing agents
Hazardous Polymerization: Will not occur
Hazardous Decomposition Products: N/A

Section 7 – Accidental Release, Disposal, and Ecological Information
Spill Response: dispose of in accordance with all applicable federal, state, and local regulations.
Waste Disposal Method: dispose of in accordance with all applicable federal, state, and local regulations.
Ecological, General: None known

**Section 8 – Exposure Controls/ Personal Protection**
Eye Protection: As required by good practice standards
Respiratory Protection: Not required under normal conditions of use
Ventilation Recommendations: General room ventilation is normally sufficient
Skin Protection: As required by good practice standards.
Other: None.

**Section 9 – Storage and Handling**
Storage: Keep in a cool, dark place to avoid premature aging.
Handling: Keep out of reach of children.

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