

Approval: \_\_\_\_\_

Date: \_\_\_\_\_



**US Endodontics**

**US Endodontics - Carrier Based Obturator**

**Plastic Carrier:**

<b>MATERIAL SAFETY DATA SHEET</b>					
<b>SECTION 1 - PRODUCT SOURCE AND IDENTITY</b>					
Supplier identity and address			Date: July 26, 2011		
US Endodontics 309 Wesley Street Johnson City, Tn. 37601			Product description: Material designed for Injection Molding		
			Name: LCP35T		
Phone number 423-283-0047			Purpose: Extrusion and injection molding.		
Fax number: NA			Proprietary Formula Code: PC LCP 35T		
			For Product information: 423 283 0047		
<b>SECTION 2 - SHIPPING CLASSIFICATION</b>					
Proper Shipping Name, Hazard Class, UN/NA Number Packing Group, Emergency Response Guide Number					
Not regulated					
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 CFR 172.101:			None or not possible in one non-bulk package		
<b>SECTION 3 - SAFETY RATINGS AND HAZARDOUS INGREDIENT INFORMATION</b>					
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
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.					
None	No	Non regulated polymer	40-80	None	3.5 mg/m3 (as inhalable dust)
7440-32-7	No	Tungsten	20-60	None	5 mg/m3 10 mg/m3
Not established	No	Nuisance particles	Nil	None	15 ppm total dust 5ppm respirable fraction
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.					
Note: The purpose of this MSDS is to provide safe handling, shipping and disposal information for users of the product. It is not intended to, nor does it, provide complete or extensive toxicological data on the product or its components. Users who require this information are referred to primary suppliers of the ingredients of interest.					
Emergency overview: Product is a pelletized form of non hazardous polymer with added tungsten No health or safety problems are anticipated from the normal handling or use of this product.					
Hazard Categories:		Health	Fire	Pressure	Reactivity
Immediate	No	Note*	No	No	No
Delayed	No	No	No	No	No
*Note: Dust generated from this product may form a flammable or explosive dust-air mixture.					
HMIS Hazard ratings: Health 0 Fire 1 Instability 0 Other None					
NFPA 704 Hazard Ratings: Health 1 Flammability 0 Reactivity 0 Special NA					
Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4					
Threshold limit value: Not established on product.					
Note: HMIS and NFPA ratings are subjective evaluations of hazards and can differ between preparers. They are intended and useful only as a rapid approximation of the hazards rated.					
TOSCA Status: All ingredients listed			CERCLA RQ: See Sec 2.		
California Prop. 65:		None		Ingredients on cancer lists: None	
Reproductive implications:		None			
<b>SECTION 4 - PHYSICAL AND CHEMICAL PROPERTIES</b>					
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	
% phosphorous:		None		Solubility in water: Nil	
VOC Content:		None			
California Rule 102 (66):		Contains no photo chemically active materials.			

<b>SECTION 5 - SAFE HANDLING AND STORAGE</b>		
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	
<b>SECTION 6- HEALTH SAFETY DATA</b>		
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.	
<b>SECTION 7 - PHYSICAL STABILITY AND REACTIVITY DATA</b>		
Explosive limits	Flash point:	See Sec 4
Lower None	Upper None	Conditions to avoid: Do not allow to melt.
Chemical stability	Stable	Hazardous decomposition products: No decomposition anticipated.
Hazardous polymerization: Cannot occur.		
Incompatibility None known		
<b>SECTION 8- EMERGENCY RESPONSE PROCEDURES</b>		
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
Product as made does not qualify as an "Unlisted Hazardous Waste" for disposal situations.		
Information presented herein has been compiled from sources considered to be accurate and reliable, but is not guaranteed to be so. Since conditions of use are beyond our control we make no warranties, expressed or implied. 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.

Liability Disclaimer: MSDS information is provided based on OSHA's Hazardous Communication Regulation and for use of the persons required to receive this information under this regulation. The information is neither designed nor recommended for any other use or for use by any other person, including compliance with other laws. US Endodontics, llc (the "Company") does not warrant the suitability for use of this MSDS for any other material or product not specifically identified herein. The Company does not warrant the accuracy or authenticity of this MSDS unless it has been obtained directly from the Company, or posted or viewed on a Company website. This MSDS is based on information that is believed to be reliable, but may be subject to change as new information becomes available. Because it is not possible to anticipate all conditions of use, additional safety precautions may be required. Since the use of this material is not under the Company's control, each user is responsible for making their own determination as to the safe and proper handling of this material in their own particular use of this material. The Company makes no representation or warranty, either express or implied, including as to merchantability or fitness for a particular purpose.