

MATERIAL SAFETY DATA SHEET
SECTION 1 - PRODUCT SOURCE AND IDENTITY

Supplier identity and address	Product description:	Date: July 26, 2013
Insight Endo	Name: Obturator	
41 Weaver Road	Purpose: Root Canal Therapy	
Denver, PA 17517	Proprietary Formula	
Phone: 1-800-472-4346	Emergency Phone: Chemtrec 1-800-424-9300	

SECTION 2 - SHIPPING CLASSIFICATION

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

SECTION 3- SAFETY RATINGS AND HAZARDOUS INGREDIENT INFORMATION

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	Reference 49 CFR 171.8, OSHA 29 CFR 1910.1200 and SARA 302/311/312/313.
Immediate	No	Note*	No	No	
Delayed	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

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
% phosphorous: None	Solubility in water:	Nil
VOC Content: None		
California Rule 102 (66):	Contains no photo chemically active materials.	

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	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	

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.

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: Insight Endo 1-800-472-4346

MATERIAL SAFETY DATA SHEET**SECTION 1 - PRODUCT SOURCE AND IDENTITY**

Supplier identity and address	Product description:	Date: July 26, 2013
Insight Endo	Name: Gutta Percha	
41 Weaver Road	Purpose: Root Canal Therapy	
Denver, PA 17517	Proprietary Formula	
Phone: 1-800-472-4346	Emergency Phone: Chemtrec 1-800-424-9300	

SECTION 2 - COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Gutta Percha points 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 3- 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 4 - 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 5 - 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 6 - 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 7 - 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 8 - 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 9 - 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 10- STORAGE AND HANDLING

Storage: Keep in a cool, dark place to avoid premature aging.

Handling: Keep out of reach of children.

SECTION 11 - MISCELLANEOUS

Transportation Information: Not a DOT hazardous material.

Other: N/A

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