

DENTSPLY Tulsa Dental Specialties

Safety Data Sheet

Conforms with OSHA Hazard Communication Standard (CFR 29 1910.1200) HazCom 2012

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1. PRODUCT IDENTIFICATION

Trade Name (as labeled):	ProTaper Gold GP points
Chemical Name/Classification:	Gutta Percha Points
Product Identifier (Part/Item Number):	PTGGPAST,PTGGPF1,PTGGPF2,PTGGPF3,PTGGPF4 PRGGPF5
U.N. Number:	3077
U.N. Dangerous Goods Classification:	9
Recommended Use:	Dental root canal filling material
Restrictions on Use:	For Dental use only. This product should not be used in patients allergic to latex products.
Distributed by:	DENTSPLY Tulsa Dental Specialties
Distributors Address:	608 Rolling Hills Dr., Johnson City, TN 37604
Distributor Telephone Number:	1-800-992-7767 (Product Information)
Emergency Contact Telephone Number:	Chemtrec (800) -262-8200
Email address:	Chemtrec@chemtrec.com

2. HAZARD(S) IDENTIFICATION

Hazard Statements	Precautionary Statements
H317, H320, H360, H410	P28, P102, P273, P305+351+338, P332, P391, P410, P411, P501



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GH Classification: Xi (irritant), N

GHS Hazard (H) and Precautionary (P) Phrases: H317, H320, H360, H410, P28, P102, P273, P305+351+338, P332, P391, P410, P411, P501

Refer to Section 16 for the full text of the GH Classifications and Phrases.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Components	C.A.S. # EC#	IUPAC Name	Substance Classification	WT %
Zinc Oxide	1314-13-2 215-222-5	Zinc Oxide	H410, N	49.52%
Gutta Percha	9000-32-2 232-537-3	Gutta Percha	H317, P332, Xi	23%
Barium Sulfate	7727-43-7 231-784-4	Barium Sulfate	Organic - NA	17%
Coloring Agent	NA	NA	NA	1.08%
Inert Filler	NA	NA	NA	8.9%
Anti-Oxidant	NA	NA	NA	0.5%

Refer to Section 16 for the full text of the GHS Classifications and H/P phrases

4. FIRST-AID MEASURES

Routes of Exposure	First Aid Instructions
Eye	Cold water wash and seek medical attentions in case of injury
Skin	Non-irritating to the skin.
Inhalation	N/A
Ingestion	Not hazardous if ingesting small quantity. Product is to be handed by professional dentist only. Aspiration is avoided by the use of rubber dam on the patient during application.
Most important symptoms of exposure	None
Other	This product should not be used in patients allergic to latex products.
Note to Physicians (Treatment, Testing, and Monitoring): Treat symptomatically	





5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Water, smothering agents, or other commonly used fire extinguishing methods
Fire Fighting Procedures:	Positive pressure, self-contained breathing apparatus.

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Specific Hazards Arising from the Chemical:	None		
Precautions for Fire Fighters:	None		
Recommended Protective Equipment for Fire Fighters:			
EYES/FACE	SKIN	RESPIRATORY	THERMAL
			




6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, PPE and Emergency Procedures: Safety Glasses/Goggles

Environmental Precautions: None required

Methods and Materials for Containment and Clean-up: Collect into a suitable container and discard. Dispose of in accordance with federal, state and local regulations.

Recommended Personal Protective Equipment for Containment and Clean-up:

EYES/FACE	SKIN	RESPIRATORY
		

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid exposure to direct sunlight / UV light and heat over 38°C. Wash hands after use.

Conditions for Safe Storage: Keep in closed container. Store in cool, dry and ventilated area. Store away from food.



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits: Not Determined

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Biological Exposure Limits: Not Determined	
Appropriate Engineering Controls: None	
Individual Protection Measures (PPE) Specific Eye/face Protection: Chemical safety goggles are recommended. Specific Skin Protection: Impervious gloves are recommended. Specific Respiratory Protection: Not necessary under normal conditions. Specific Thermal Hazards: None	
Recommended Personal Protective Equipment	
EYES/FACE	SKIN
	
Environmental Exposure Controls: Not Determined	
General Hygiene Considerations and Work Practices: Use normal care when working with chemicals.	
Protective Measures During Repair and Maintenance of Contaminated Equipment: Common uniform and equipment.	

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Pink uniformly cylindrical shape	Explosive limits:	NA
Odor:	Gutta Percha latex has a slight odor of its own. The compound has no perceptible odor.	Vapor pressure:	NA
Odor threshold:	NA	Vapor density:	NA
pH:	Not Determined	Relative density:	NA
Melting/freezing point:	100°C/Not Determined	Solubility:	Water - No Ether - Yes
Initial boiling point and range:	NA	Partition coefficient: n-octanol/water:	NA
Flash point:	Not Determined	Auto-ignition temperature:	Not Determined

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Evaporation rate:	NA	Decomposition temperature:	NA
Flammability:	Not Determined	Viscosity:	NA
Explosive Properties:	NA	Oxidizing Properties:	NA

10. STABILITY AND REACTIVITY

Reactivity: This is a stable compound that will not degrade to unstable products or hazardous materials.

Chemical Stability: Stable

Possibility of Hazardous Reactions: will not occur

Conditions to Avoid: Natural light, excessive heat and humidity (Stability)

Incompatible materials: Strong oxidizing agents

Hazardous Decomposition Products: Carbon Monoxide, Carbon Dioxide, Hydrocarbon & Zinc. Fumes when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure: Not Reported

Emergency Overview: Not Reported

Likely Routes of Exposure	Signs and Symptoms	Single, Repeated, or Lifetime Exposure	Severity (Mild, Moderate, Severe)	Acute and Chronic Health Effect(s)	Target Organ(s)	LD50 Testing Data (as applicable)	LC50 Testing Data (as applicable)
Eye:	None	None	None	None	None	None	None
Skin:	None	None	None	None	None	None	None
Inhalation:	None	None	None	None	None	None	None
Ingestion:	None	None	None	None	None	None	None
Other:	None	None	None	None	None	None	None

Medical Conditions Aggravated by Exposure: N/A

Carcinogenicity: Not known to be a carcinogenic

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12. ECOLOGICAL INFORMATION

Toxicity: Gutta Percha compound passes the Special Waste Acceptance Protocol. Validation made by independent testing laboratory according to EPA methods 200.7 and 1311.

Persistence and Degradability: NA

Bio-accumulative Potential: NA

Mobility in Soil: None Determined

Other Adverse Effects: NA

Results of PBT/vPvB Assessment: NA

13. DISPOSAL CONSIDERATIONS

Regulations: Waste resulting from this product as supplied is not known to be classified as a hazardous waste. It is the user's responsibility to determine, per the regulations of state, local or other governmental agency, the proper disposal technique.

Waste treatment methods: Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Properties (Physical/Chemical) Affecting Disposal: None

Uncleaned packaging: None

Recommendation: Disposal must be made according to official regulations

Waste Treatment Recommendations: None

14. TRANSPORT INFORMATION

UN Identification Number: 3077 (Zinc Oxide)

UN Proper Shipping Name: Not Regulated

Transport hazard class(es): 9

Packing Group: III

Special precautions for user: Symbol (fish and tree)

Maritime transport IMDG: IMDG

Class: 9

UN Number: 3077

Label: 9

Packaging group: III

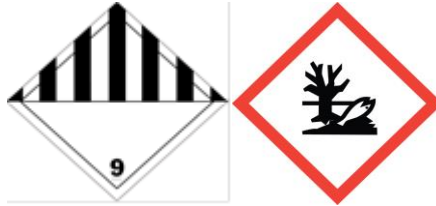
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EMS Number: F-A,S-F
Marine pollutant: Yes
Special marking: Symbol (fish and tree)
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc oxide)

Air transport ICAO-TI and IATA-DGR:



Above markings are applicable to EU ADR/ RID and AND/ADNR only.

UN Number: 3077

IMDG Class: 9

Label: 9

Special marking: Symbol (fish and tree)

Packaging group: III

EMS Number: F-A,S-F

15. REGULATORY INFORMATION

U.S. Federal Regulations

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA): Not listed

Toxic Substances Control Act (TSCA): International ingredients of this product are listed

Clean Water Act (CWA): Listed – Zinc Oxide

Clean Air Act (CAA): None

Superfund Amendments and Reauthorization Act (SARA) Title III Information: None

SARA Section 311/312 (40 CFR 370) Hazard Categories: Yes/Acute

Immediate Hazard:	Irritant Toxic to Aquatic Organisms	Pressure Hazard:	None
Delayed Hazard:	None	Reactivity Hazard:	None
Fire Hazard:	None		

This product contains the following toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372):

Components	C.A.S. #	WT %
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Zinc Oxide	1314-13-2	62.5%
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State Regulations

California: This product contains the following chemical(s) known to the State of California to cause cancer, birth defects or reproductive harm:

Components	C.A.S. #	WT %
None	NA	NA

International Regulations

Canadian Environmental Protection Act: Domestic substance list (DSL) – listed

Canadian Workplace Hazardous Materials Information System (WHMIS): Not Controlled

European Inventory of Existing Chemicals (EINECS): 215-222-5

16. OTHER INFORMATION

Full text of Classification abbreviations used in Section 2 and 3:

H317: May cause an allergic skin reaction

H320: Causes eye irritation

H360: May damage fertility or the unborn child

H410: Very toxic to aquatic life with long lasting effects

P102: Keep out of reach of children

P273: Avoid release to the environment

P281: Use personal protective equipment as required

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

P332: If skin irritation occurs: consult Physician

P391: Collect spillage.

P410: Protect from sunlight

P411: Store at temperatures not exceeding 37°C/99°F

P501: Disposal of contents/ container as hazardous or special waste in accordance with applicable law.

Date of SDS Preparation/Revision: 10/22/2015 rev0

Data Sources: To the best of our knowledge, the information contained herein is accurate. However, neither above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described, we cannot guarantee that these are the only hazards that exist.