

DENTSPLY Tulsa Dental

**1. Product and Company Identification**

Product Name <b>X-Tip</b>	MSDS Code Number N/A
Trade Name & Synonyms <b>Type 304 Stainless steel</b>	Date of Last Revision May 2005
Chemical Name N/A	Manufacturer DENTSPLY Endodontics
C.A.S. Number N/A	Address 608 Rolling Hills Dr., Johnson City, TN 37604
Grades or Minor Variant Identities N/A	Information Telephone Number 1-800-622-1202
Product Use (for Canada)	Emergency Telephone Number 1-800-622-1202

**2. Composition of Ingredients**

Hazardous Components	C.A.S. Number	Exposure Limits	%
Iron	1309-37-1	10 mg/m <sup>3</sup> PEL	70
Chromium	7440-47-3	0.5 mg/ m <sup>3</sup> PEL	18.5
Nickel	7440-02-0	1 mg/ m <sup>3</sup> PEL	9
Manganese	7439-96-5	5 mg/ m <sup>3</sup> PEL	1
Cobalt	7440-48-4	0.1 mg/ m <sup>3</sup> PEL	.20

**3. Hazard Identification**

Emergency Overview

**Not considered hazardous in form shipped.**

Routes of Exposure	Signs and Symptoms	Single, Repeated or Lifetime Exposure	Severity (Mild, Moderate, Severe)	Acute and Chronic Health Effect(s)	Target Organ(s)
Eye	Redness	Single	Mild	Acute eye irritation	Eye
Skin	Redness	Single	Mild	Acute skin irritation	Dermal
Inhalation	None Known as shipped	N/A	N/A	N/A	N/A
Ingestion	None Known as shipped	N/A	N/A	N/A	N/A

Medical Conditions Aggravated by Exposure

**Not considered in form shipped.**

Carcinogenicity (IARC, NTP)

**Not considered in form shipped.**

Potential Environmental Effects

No data available

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**4. First Aid Measures**

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	Flush irritated area for 15 minutes	Contact physician for treatment is irritation persists.	None Known
Skin	Rinse irritated area with soap and water	Contact physician for treatment is irritation persists.	None Known
Inhalation	N/A	N/A	N/A
Ingestion	Contact physician for treatment	Contact physician for treatment	N/A
Other	N/A	N/A	N/A
Note to Physicians (Treatment, Testing and Monitoring) N/A			

**5. Fire and Explosion Data**

Flashpoint Method: N/A	Flammable (Explosive) Limits in Air LEL N/A UEL N/A	Autoignition Temperature N/A	Other Melting point 2400-2800°F
Flame Propagation or Burning Rate (for solids) N/A	Properties Contributing to Fire Intensity N/A	Flammability Classification N/A	
Extinguishing Media None as shipped		Extinguishing Media to Avoid None	
Protection and Procedures for Firefighters None as shipped			
Unusual Fire and Explosion Hazards None as shipped			

**6. Accidental Release Measures**

Containment Techniques N/A
Spill/Leak Clean-Up Procedures and Equipment Dispose of material in accordance with federal, state and local regulations.
Evacuation Procedures N/A
Special Instructions N/A
Reporting Requirements N/A

**7. Handling and Storage**

Handling Practices and Warnings No precautions necessary
Storage Practices and Warnings Store away from acids and oxidizing agents.

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**8. Exposure Control/Personal Protection**

Ventilation None as shipped		Other Engineering Controls None as shipped
Routes of Entry:	Personal Protective Equipment (PPE) for Normal Use:	PPE for Emergencies:
Eyes/Face N/A	N/A	N/A
Skin N/A	N/A	N/A
Inhalation N/A	N/A	N/A
General Hygiene Considerations and Work Practices Observe good personal hygiene practices		
Protective Measures During Repair and Maintenance of Contaminated Equipment Neoprene gloves and protective glasses		
Other Protective Measures and Equipment N/A		

**9. Physical and Chemical Characteristics**

Appearance A metal material grey in color		Odor None
Normal Physical State: Liquid                      Gas  √ Solid                      Other		Boiling Point N/A Melting Point 2400-2800°F Freezing Point N/A
Specific Gravity or Density Approx 2.7g/cm <sup>2</sup>	Solubility in Water Insoluble	pH N/A
Vapor Pressure N/A	Vapor Density N/A	Evaporation Acetate N/A
Other N/A		

**10. Stability and Reactivity Data**

Incompatibility (Materials to Avoid) Acids, bases and oxidizers	
Hazardous Products Produced During Decomposition None as shipped	
Hazardous Polymerization? May Occur                      √ May Not Occur	Conditions to Avoid None known
Stability? √ Stable                      Unstable	Conditions to Avoid Acids, bases and oxidizers

**11. Toxicological Information**

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic Effects or Structure Activity Data None Known
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<b>12. Ecological Information</b>	
Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements	
None Known	

<b>13. Disposal Considerations</b>	
Regulations Dispose of material in accordance with federal, state and local regulations. Recycling of metal byproducts is strongly encouraged.	
Properties (Physical/Chemical) Altering Disposal None known	

<b>14. Transport Information</b>		
Regulated for shipping? Yes            √ No	Proper Shipping Name Type 304 Stainless steel	Packaging Group N/A
Do changes in quantity, packaging or shipment method change product classification? Yes            √ No	Hazard Class None hazardous	Identification Number N/A
Other N/A		

<b>15. Regulatory Information</b>	
Federal Regulations None as shipped	
International Regulations: None as shipped	
Other N/A	

<b>16. Other Information</b>	
N/A	