

Tulsa Dental Specialties

1. Product and Company Identification	
Product Name Absorbent Paper Points	MSDS Code Number N/A
Trade Name & Synonyms Absorbent Paper Points	Date of Last Revision 10-28-08
Chemical Name Sodium Silicate	Manufacturer DENTSPLY Dental (Tianjin) Co., Ltd.
C.A.S. Number 1344-09-8	Address No. 151, 6 <sup>th</sup> Avenue TEDA 300457 Tianjin, China
Grades or Minor Variant Identities N/A	Information Telephone Number 1.800.662.1202
Product Use (for Canada) Endodontic treatment material	Emergency Telephone Number 1.800.662.1202

2. Composition of Ingredients			
Hazardous Components	C.A.S. Number	Exposure Limits	%
Sodium silicate	1344-09-8	N/A	≤ 1%

3. Hazard Identification					
Emergency Overview General information. No special measures required.					
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 N/A	N/A	N/A	N/A	N/A	N/A
Skin N/A	N/A	N/A	N/A	N/A	N/A
Inhalation N/A	N/A	N/A	N/A	N/A	N/A
Ingestion N/A	N/A	N/A	N/A	N/A	N/A
Other N/A	N/A	N/A	N/A	N/A	N/A
Medical Conditions Aggravated by Exposure N/A					
Carcinogenicity (IARC, NTP) N/A					
Potential Environmental Effects Water hazard class 0 (Self-assessment): generally not hazardous for water.					

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<b>4. First Aid Measures</b>			
Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye N/A	N/A	N/A	N/A
Skin N/A	N/A	N/A	N/A
Inhalation N/A	N/A	N/A	N/A
Ingestion N/A	N/A	N/A	N/A
Other N/A	N/A	N/A	N/A
Note to Physicians (Treatment, Testing, and Monitoring) N/A			

<b>5. Fire and Explosion Data</b>			
Flashpoint Method: N/A	Flammable (Explosive) Limits in Air LEL N/A UEL N/A	Auto ignition Temperature N/A	Other N/A
Flame Propagation or Burning Rate (for solids) N/A	Properties Contributing to Fire Intensity N/A	Flammability Classification N/A	
Extinguishing Media CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.		Extinguishing Media to Avoid N/A	
Protection and Procedures for Firefighters No special measures needed.			
Unusual Fire and Explosion Hazards N/A			

<b>6. Accidental Release Measures</b>
Containment Techniques N/A
Spill/Leak Clean-Up Procedures and Equipment Pick up mechanically.
Evacuation Procedures N/A
Special Instructions Person-related safety precautions not required.
Reporting Requirements N/A

## **7. Handling and Storage**

### Handling Practices and Warnings

This product is for dental use only.

### Storage Practices and Warnings

Store only in the original receptacle. Store in cool, dry conditions in well sealed receptacles.

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<b>8. Exposure Control/Personal Protection</b>		
Ventilation N/A	Other Engineering Controls No further data: see item 7.	
Routes of Entry:	Personal Protective Equipment (PPE) for Normal Use:	PPE for Emergencies:
Eye/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 The usual precautionary measures for handling chemicals should be followed.		
Protective Measures During Repair and Maintenance of Contaminated Equipment Protective work clothing.		
Other Protective Measures and Equipment Components with limit values that require monitoring at the workplace: 1344-09-8 Sodium silicate; LD-50-LC50 Mixture: ORAL LD50(RAT): 1280 MG/KG (SUPP).		

<b>9. Physical and Chemical Characteristics</b>		
Appearance Solid, white odorless.	Odor Odorless	
Normal Physical State: <input type="checkbox"/> Liquid <input type="checkbox"/> Gas  <input checked="" type="checkbox"/> Solid <input type="checkbox"/> (Other)	Boiling Point: undetermined Melting Point: undetermined Freezing Point: undetermined.	
Specific Gravity or Density (H <sub>2</sub> O=1) N/A	Solubility in Water Insoluble	pH N/A
Vapor Pressure (mm Hg.) N/A	Vapor Density (AIR= 1) Not determined.	Evaporation Rate (Butyl Acetate = 1) N/A
Other N/A		

<b>10. Stability and Reactivity Data</b>		
Incompatibility (Materials to Avoid) None known. No dangerous reactions known.		
Hazardous Products Produced During Decomposition No dangerous products of decomposition known.		
Hazardous Polymerization? <input type="checkbox"/> May Occur                      X May Not Occur	Conditions to Avoid N/A	
Stability? X Stable <input type="checkbox"/> Unstable	Conditions to Avoid N/A	

<b>11. Toxicological Information</b>
Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic Effects, Reproductive Effects, or Structure Activity Data No irritating or sensitizing effects known.

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<b>12. Ecological Information</b>
Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements Water hazard class 0 (Self-assessment): generally not hazardous for water.

<b>13. Disposal Considerations</b>
Regulations Smaller quantities can be disposed of with household waste.
Properties (Physical/Chemical) Affecting Disposal Disposal must be made in accordance to official regulations.

<b>14. Transport Information</b>		
Regulated for shipping? <input type="checkbox"/> Yes <input type="checkbox"/> No N/A	Proper Shipping Name N/A	Packing Group N/A
Do changes in quantity, packaging, or shipment method change product classification? <input type="checkbox"/> Yes <input type="checkbox"/> No N/A	Hazard Class N/A	Identification Number N/A
Other		

<b>15. Regulatory Information</b>
Federal Regulations Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations according to directives on hazardous materials.
International Regulations N/A
Other N/A

<b>16. Other Information</b>
This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.