

1. Identification of the substance/mixture and of the company

1.1 Product Identifier:

Product name	Dental Root Canal Instruments(SSt)
Other means of identification	Not Available

1.2 Manufacturer/supplier identification:

Company Name	Shenzhen Perfect Medical Instruments Co.,Ltd.
Address	Room 103, Building 3, No. 2, Weiqun Road, 4th Community, Henggang Street, Longgang District, Shenzhen, 518115 Guangdong P.R. China
Emergency Contact	0755-28540953
Fax	0755-28540953
Website	www.dental-perfect.com
Email	sales@dental-perfect.com

2. Hazard Identification

These are medical products according Directive 93/42/EC and no hazardous substance or mixture according Regulation 1272/2008 EC.

3. Composition / information on ingredients

Substances/Mixtures

Components	Substances	CAS No	%[weight]
Shank	PBT	26062-94-2	55%
Tip	304 Stainless Steel	65997-19-5	45%
Limit Pad	Poly(dimethylsiloxane)	68083-19-2	5%

4. First aid measures

Eye contact	Flush eyes with clean water for at least 15 minutes. Remove contact lenses if present and easy to do so. Seek medical attention if irritation persists.
Skin Contact	Wash affected area thoroughly with soap and water. If irritation or allergic reaction occurs, seek medical advice.
Inhalation	If inhaled and experiencing discomfort, remove to fresh air. Seek medical attention if symptoms persist.
Ingestion	Not expected under normal conditions of use. If ingested accidentally and feeling unwell, seek medical attention immediately. Do not induce vomiting.

5. Firefighting measures

5.1 Suitable extinguishing media:

- Water spray or fog
- Foam
- Dry chemical powder
- Carbon dioxide

5.2 Special hazards:None Known

6. Accidental release measures

Personal Precautions: Wear appropriate protective equipment (gloves, safety goggles, etc.) to minimize exposure. See Section 8 for details.

Environmental Precautions: Prevent spillage from entering drains or water sources. Dispose of according to local regulations.

7. Handling and storage

Handling: Avoid contact with eyes;Wear protective clothing when risk of exposure occurs;Keep containers securely sealed when not in use.

Storage:Keep the product in a dry and clean place away from light, at a relative temperature of 5°-35° and a humidity of 30%-75%

8. Exposure controls / personal protection

Component Exposure Limits: None

Appropriate Engineering Controls: None required.

Personal Protective Equipment:

- Eye Protection: Wear safety glasses or other eye protection consistent with industrial safety practice for the process being performed.
- Skin Protection: Wear protective gloves if need to prevent cuts or other injuries.
- Respiratory Protection: None needed under normal use. Use appropriate respiratory protection if ventilation is inadequate.
- Other Protective Clothing or Equipment: Use protective clothing consistent with industrial safety practice for the process being performed.

9. Physical and chemical properties

Physical state	Solid	Relative density (Water = 1)	Not Available
Odour	Not Available	Partition coefficient n-octanol/ water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (°C)	Not Available
pH (as supplied)	Not Applicable	Decomposition temperature	Not Available
Melting point / freezing point(°C)	Not Available	Viscosity (cSt)	Not Applicable
Initial boiling point and boiling range (°C)	Not Available	Molecular weight (g/mol)	Not Applicable
Flash point (°C)	Not Available	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	Not Available	Oxidizing properties	Not Available
Upper Explosive Limit (%)	Not Available	Surface Tension (dyn/cm or mN/m)	Not Applicable
Lower Explosive Limit (%)	Not Available	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	Not Available	Gas group	Not Available
Solubility in water	Immiscible	pH as a solution (Not Available%)	Not Applicable
Vapour density (Air = 1)	Not Available	VOC g/L	Not Available
Nanoform Solubility	Not Available	Nanoform Particle Characteristics	Not Available
Particle Size	Not Available		

10. Stability and reactivity

Stability: Stable under normal conditions of use.

Reactivity: Avoid contact with incompatible materials. Keep away from moisture.

11. Toxicological information

Acute toxicity: No toxicological data available

Eye contact: Irritation

Further data: Not Available

12. Ecological information

Eco-toxicity: Not known.

Persistence / Degradability: Not known.

Bio-accumulative Potential: Not known.

Mobility in Soil: Not known.

Other Adverse Effects: Not known.

This product does not contain persistent, bio-accumulative and toxic chemicals (PBT's) nor does this product contain any very persistent and very bio-accumulative chemicals (vPvB's).

13. Disposal considerations

Dispose in accordance with national and local regulations.

14. Transport information

Land transport (ADR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS		
14.1. UN number	Not Applicable	
14.2. UN proper shipping name	Not Applicable	
14.3. Transport hazard class(es)	Class	Not Applicable
	Subrisk	Not Applicable
14.4. Packing group	Not Applicable	
14.5. Environmental hazard	Not Applicable	
14.6. Special precautions for user	Hazard identification (Kemler)	Not Applicable
	Classification code	Not Applicable
	Hazard Label	Not Applicable
	Special provisions	Not Applicable
	Limited quantity	Not Applicable
	Tunnel Restriction Code	Not Applicable

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS	
14.1. UN number	Not Applicable

14.2. UN proper shipping name	Not Applicable	
14.3. Transport hazard class(es)	ICAO/IATA Class	Not Applicable
	ICAO / IATA Subrisk	Not Applicable
	ERG Code	Not Applicable
14.4. Packing group	Not Applicable	
14.5. Environmental hazard	Not Applicable	
14.6. Special precautions for user	Special provisions	Not Applicable
	Cargo Only Packing Instructions	Not Applicable
	Cargo Only Maximum Qty / Pack	Not Applicable
	Passenger and Cargo Packing Instructions	Not Applicable
	Passenger and Cargo Maximum Qty / Pack	Not Applicable
	Passenger and Cargo Limited Quantity Packing Instructions	Not Applicable
	Passenger and Cargo Limited Maximum Qty / Pack	Not Applicable

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOOD		
14.1. UN number	Not Applicable	
14.2. UN proper shipping name	Not Applicable	
14.3. Transport hazard class(es)	IMDG Class	Not Applicable
	IMDG Subrisk	Not Applicable
14.4. Packing group	Not Applicable	
14.5. Environmental hazard	Not Applicable	
14.6. Special precautions for user	EMS Number	Not Applicable
	Special provisions	Not Applicable
	Limited Quantities	Not Applicable

15. Regulatory information

Labeling according to EC Directives: No hazardous product as specified in Directive 93/42/EEC

Symbol

This safety data sheet is in compliance with the following EU legislation and its adaptations - as far as applicable - : Directives 98/24/EC, - 2008/98/EC, -2010/75/EU; Commission Regulation (EU) 2020/878; Regulation (EC) No 1272/2008 .

16. Other information

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The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to exposures scenarios, scale of use, frequency of use and current or available engineering controls must be considered.

For detailed advice on Personal Protective Equipment, refer to the following EU CEN Standards:

EN 166 Personal eye-protection

EN 340 Protective clothing

EN 374 Protective gloves against chemicals and micro-organisms

EN 13832 Footwear protecting against chemicals

EN 133 Respiratory protective devices

Disclaimer:

The Safety Data Sheet (SDS) provided by Shenzhen Perfect Medical Instruments Co.,Ltd. is based on the present state of knowledge and current regulations. It is intended to describe the product for health, safety, and environmental requirements and is not intended to guarantee specific properties.