

MATERIAL SAFETY DATA SHEET

Issue date 13.06.2024

Version Number 1

Review date 12.06.2027

SECTION 1 : PRODUCT AND COMPANY IDENTIFICATION

Product Name: Micron Superior
Intended use: Dental Filling Material
Company Name: Prevest DenPro Limited
Address: Unit II, Export Promotion Industrial Park (EPIP), Bari Brahmana, Jammu (J&K)-181133 India
Tel: 0191 3506858 / 8899074151
Fax No: +91-1923-222774
Email: customercare@prevestdenpro.com
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Emergency Contact No: +91 8899074151

SECTION 2: HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture
Main Hazards: No Significant Hazard

Label elements

Risk Phrases: No Significant Hazard

Other Hazards: No Significant Hazard

SECTION 3 : COMPOSITION /INFORMATION ON INGREDIENTS

3.1 Chemical characterization: None of the components are hazardous
Dangerous components : Void

POWDER		
COMPONENTS	C.A.S.	% by Wt
Strontium doped FluoroAlumino Glass powder	65997-18-4	>50% (trade secret*)

LIQUID		
COMPONENTS	C.A.S.	% by Wt
Polyacrylic acid	9003-01-4	>50 % (trade secret*)
Excipients*	-	(trade secret*)

*SDS indicates the ingredient name and/or exact percentage is being withheld as a trade secret.

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SECTION 4: FIRST AID MEASURES

· 4.1 Description of first aid measures

· General information:

- Inhalation: Move the exposed person to fresh air.
- Eye contact: Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
- Skin contact: Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
- Ingestion : DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.
- Most important symptoms and effects, both acute and delayed Inhalation: May cause irritation to mucous membranes.
- Eye contact: May cause irritation to eyes. Skin contact: May cause irritation to skin.
- Ingestion: May cause irritation to mucous membranes.
- Indication of any immediate medical attention and special treatment needed. If you feel unwell, seek medical advice

SECTION 5 : FIRE FIGHTING MEASURES

Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

Special hazards arising from the substance or mixture Burning may produce irritating fumes.

Advice for firefighters

Wear suitable respiratory equipment when necessary.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedure. Ensure adequate ventilation of the working area.
- Environmental precautions
Do not allow product to enter drains. Prevent further spillage if safe.
- Methods and material for containment and cleaning up
Sweep up. Transfer to suitable, labeled containers for disposal. Clean spillage area thoroughly with plenty of water.

SECTION 7 : HANDLING AND STORAGE

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7.1 Precautions for safe handling:

Observe normal care for working with chemicals

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labeled containers.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters**

Engineering controls

Use in a well-ventilated area.

Personal Protective Equipment (PPE)

Eye/Face Protection

Avoid eye contact.

The following eye protection(s) are recommended: Safety Glasses with side shields.

Skin protection – Hand protection

Chemical resistant gloves.

Prevention of Swallowing

Do not ingest. Wash hands after handling and before eating

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information of powder on basic physical and chemical properties**

- Appearance	powder	- pH	Not determined
- Odor	Odorless	- Solubility	Not determined

9.1. Information of liquid on basic physical and chemical properties

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- Appearance	Viscous liquid	- pH	Not determined
- Odor	Odorless	- Solubility	Not determined
- Color	Clear/Colorless	-Flash point	Not combustible

SECTION 10 : STABILITY AND REACTIVITY

Reactivity: Stable.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: No data available.

Conditions to avoid: Heat

Incompatible materials: Strong acids. Strong bases.

Hazardous decomposition products: Carbon dioxide (CO₂).

SECTION 11 : TOXICOLOGICAL INFORMATION

Acute Toxicity: Not toxic.

Chronic Health Effects: Prolonged/frequent skin contact may cause eye, skin, mucous membrane and respiratory system irritation.

Skin Corrosion/Irritation: May be irritating to eyes, respiratory system, mucous membranes or skin on contact or with prolonged exposure.

Respiratory/Skin Sensitization: No ingredient listed as a carcinogen.

Carcinogenicity: No ingredient listed as a carcinogen

SECTION 12: ECOLOGICAL INFORMATION

Toxicity	No data available
Persistence and degradability	No data is available on this product
Bioaccumulative potential	No data is available on this product
Mobility in soil	No data available
Results of PBT and vPvB assessment	None
Other adverse effects	No data is available on this product

SECTION 13: DISPOSAL INFORMATION

13.1. Waste treatment methods

Dispose of in compliance with all local and national regulations.

Disposal of packaging

Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

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Recommendation: Consult applicable regulations or authorities before disposal.

SECTION 14 : TRANSPORT INFORMATION

Land transport ADR/RID

Not classified as dangerous goods in the meaning of transport regulations

Sea transport IMDG

Not classified as dangerous goods in the meaning of transport regulations

Air transport ICAO-TI and IATA-DGR

Not classified as dangerous goods in the meaning of transport regulations

Special precautions for user: Not applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code. The product is not classified as dangerous for carriage.

SECTION 15 : REGULATORY INFORMATION

311/312 Hazard Categories:

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

Immediate Hazard - No

Delayed Hazard - No

SECTION 16 : OTHER INFORMATION*

*Changes in content as per regulations – GHS classification

Abbreviations and acronyms:

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

CAS: Chemical Abstracts Service (division of the American Chemical Society)

- **Department issuing MSDS:** Regulatory affairs
- **SDS issue date:** 13.06.2024
- **Contact:** research@prevestdenpro.com

*Data compared to the previous version altered.

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