



Material Safety Data Sheet

Date of Issue : 2019 / SEP / 20

MSDS No. : ESDSDS-ST00

Revision No. : New MSDS

Supertract

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE SUPPLIER

1.1. Product identifier

Supertract

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses

Dental Product

Restrictions on Use

For use only by dental professionals.

1.3. Details of the supplier of the safety data sheet

Name	EASTDENT
Address	#601-1, 64, Gugal-ro, Giheung-gu, Yongin-si, Gyeonggi-do, 16972, Korea.
Emergency phone number	+ 82 31 693 5767
Fax	+ 82 31 693 5768

1.4. Emergency telephone number

Restriction on use No data available

+ 82 31 693 5767

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance/mixture

CLP REGULATION (EC) No 1272/2008

CLP Regulation shall not apply to this product which is substances and mixtures in medical devices as defined in Directives 90/38 5/EEC and 93/42/EEC, which are invasive or used in direct physical contact with the human body, and in Directive 98/79/EC

2.2. Label elements

2.2.1. Symbols

2.2.2. Signal word

2.2.3. Hazard statements

2.2.4. Precautionary statements

2.3. Other hazards

For information on hazards and safe use, please consider the corresponding sections of this document.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No	% by weight
Mica-Group Minerals	12001-26-2	10-26
Non-Hazardous Ingredients solution	Mixture	20-45
Aluminum Chloride Hexahydrate	7784-13-6	10-20
Kaolin	1332-58-7	27-40

4. FIRST-AID MEASURES

4.1. Description of first aid measures

Eye contact

- IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If signs/symptoms persist, get medical attention

Skin contact

- Wash with soap and water. If signs/symptoms persist, get medical attention

Inhalation

- Get medical attention immediately if you feel unwell.
- Remove person to fresh air
- Keep comfortable for breathing.

Ingestion

- Get medical attention immediately if you feel unwell.
- Rinse the mouth.

4.2. Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3. Indication of immediate medical attention and special treatment required

No further relevant information available.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

- Small/normal fire : Alcohol-resistant foam, dry chemical, water, carbon dioxide, dry sand.

- Large fire : Water spray/fog, fire fighting foam
- Extinguishment by smothering : Dry sand or soil.
- Unsuitable extinguishing media : No data available.

5.2. Specific hazards arising from the substance or mixture

- None inherent in this product.

5.3. Advice for fire-fighters

- Protective equipment : mouth respiratory protective device.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

- Cleaning up immediately, and follow the precaution.
- Remove all ignition sources.
- If not danger, stop to leak.
- Notice the avoid conditions and materials.
- Do not breathe dust/gas/mist/vapors/spray.

6.2. Environmental precautions

- Do not let products flow in waterway, drain basement, and sealed room.

6.3. Methods and materials for containment and cleaning up

- Clean up with cleaner and water.

6.4. Reference to other sections

- Refer to section 7, 8, 13 for more information

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

- Notice the avoid conditions and materials.
- Handling and storage in well-ventilated place.
- Avoid high-temperature.
- Protective equipment : Chemical resisted respiratory protection and general protective gloves.

7.2. Conditions for safe storage, including any incompatibilities

- Keep container tightly closed in well-ventilated area.
- Storage temperature : Room-temperature

7.3. Specific end use(s)

- Refer to information in section 7.1 and 7.2 for handling and storage recommendations.
- Refer to section 8 for exposure controls and personal protection recommendations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Ingredient	CAS No	Exposure limit
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Mica-Group Minerals	12001-26-2	NIOSH REL TWA 3 mg/m3 (resp) OSHA PEL TWA 20 mppcf
Aluminum (soluble salts and alkyls)	7784-13-6	NIOSH REL TWA 2 mg/m3
Kaolin	1332-58-7	NIOSH REL TWA 10 mg/m3 (total) TWA 5 mg/m3 (resp) OSHA PEL TWA 15 mg/m3 (total) TWA 5 mg/m3 (resp)

8.2. Exposure controls

8.2.1. Engineering controls

Use in a well-ventilated area

8.2.2. Personal protective equipment(PPE)

Respiratory protection

- No data available

Eye protection

- Eye/face protection. Safety glasses.

Skin/hand protection

- General hand protection. Avoid prolonged or repeated skin contact. Protective gloves

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance

Physical state

Solid/paste

Color

light blue

Odor

Odorless

Odor threshold

No data available

pH

3.0+-0.1

Melting point/freezing point

No data available

Initial boiling point and boiling range

No data available

Flash point

No data available

Evaporation rate

No data available

Flammability(solid, gas)

No data available

Upper flammability or explosive limits

No data available

Lower flammability or explosive limits

No data available

Vapor pressure

No data available

Vapor density

No data available

Relative density

1.53 (Water = 1)

Solubility

No data available

Partition coefficient : n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Molecular weight	No data available

9.2. Other information

Data is not available for other physical and chemical parameters.

10. STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

- Stable

10.3. Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4. Conditions to avoid

- Keep away from heat/sparks/open flames/hot surfaces. No smoking.

10.5. Incompatible materials

- None known.

10.6. Hazardous decomposition products

- None known.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

No data available

11.2. Health hazards information

11.2.1. Acute toxicity	No data available
11.2.2. Skin corrosion/irritation	No data available
11.2.3. Eye damage/irritation	No data available
11.2.4. Sensitization - Respiratory	No data available
11.2.5. Sensitization - Skin	No data available
11.2.6. Germ cell mutagenicity	No data available
11.2.7. Carcinogenicity	No data available
11.2.8. Toxic to reproduction	No data available
11.2.9. Specific target organ toxicity (Single exposure)	No data available
11.2.10. Specific target organ toxicity (Repeated exposure)	No data available
11.2.11. Aspiration Hazard	No data available

12. ECOLOGICAL INFORMATION

12.1. Toxicity

No data available

12.2. Persistence and degradability	No data available
12.3. Bioaccumulative potential	No data available
12.4. Mobility in soil	No data available
12.5. Results of the PBT and vPvB assessment	No data available
12.6. Other adverse effects	No data available

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

- Follow federal, state and local regulations.

13.2. Caution of disposal

- Consider the notice in regulations.

14. TRANSPORT INFORMATION

Not hazardous for transportation

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

- Not applicable

16. OTHER INFORMATION

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Reference

- GHS Classification : Korea MSDS Testing Laboratory's Test Certificate, OECD SIDS, IUCLID, US NLM, IARC, etc.
- Physical and chemical properties : Korea MSDS Testing Laboratory's Test Certificate
- Toxic Classification : OECD SIDS, IUCLID, US NLM, IARC, etc.
- Transport information : Korea MSDS Testing Laboratory's Test Certificate