



## SDS Service Summary

No.: SHACPCH24001369303

Date: 29 Jan 2024

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SGS Job No. : SHCPCH24000401  
Applicant : Shanghai Uretech Film Material Co., Ltd  
Product Name : Dental Film  
Composition/Ingredient of product (as per applicant submission) : See *section 3 Composition/information on ingredients* on the SDS  
Job Receiving Date : 18 Jan 2024  
Last Information Date : 29 Jan 2024  
SDS Preparation Period : 18 Jan 2024-29 Jan 2024

Service Requested : Preparation of Safety Data Sheet (SDS) for the product with submitted information, with calculation of the classification and labeling requirement according to the submitted composition and US Hazard Communication Standard 29 CFR 1910.1200.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with US Hazard Communication Standard 29 CFR 1910.1200, and is provided per attached.

### Disclaimer

This Safety Data Sheet (SDS) is provided to applicant to fulfill US Hazard Communication Standard 29 CFR 1910.1200 and communicate the hazard information of chemicals through the supply chain to ensure safe use. It is not a test report or a certificate ensuring the safety of a product. SGS has consolidated product information based on documents provided by Applicant (i.e. product name, the supplier details, product composition, available physical data, etc) without independent verification from SGS. The information is provided without any warranty, express or implied, regarding its correctness.

Echo Cai  
Project Engineer

# Safety Data Sheet

## 29 CFR 1910.1200

Printing date 01/29/2024

Version number 1

Reviewed on 01/19/2024

### 1 Identification

- **Product identifier**
- **Trade name:** *Dental Film*
- **Recommended use of the chemical and restrictions on use**
- **Application of the substance / the preparation:**  
*It is for making orthodontic appliances, orthodontic retainers, oral protectors and jaw pads, etc.*
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
*Shanghai Uretech Film Material Co., Ltd*  
*Floor 1, Building 2, No. 88, Lane 819, Duhui Road, Minhang District, Shanghai.*  
*Tel: 15274888158*  
*E-mail: info@uretech.cn*
- **Other US contact point:** *Not available*
- **Further information obtainable from:** *Shanghai Uretech Film Material Co., Ltd*
- **Emergency telephone number:**  
*USA*  
*Poison Center*  
*Tel: +1 800 222 1222*
- **Reference Number:** *SHCPCH24000401; SHACPCH24001369303*
- **Remark:**  
*This product is likely to be classified as article and is out of scope of a SDS as set out in 29 CFR Part 1910.1200. This SDS is generated for applicant's reference only.*

### 2 Hazard(s) identification

- **Classification of the substance or mixture**  
*Classification according to OSHA Hazard Communication Standard (29 CFR 1910.1200)*  
*The substance is not classified according to the Globally Harmonized System (GHS).*
- **Information concerning particular hazards for human and environment:**  
*The product has not to be labeled due to the calculation procedure of OSHA Hazard Communication Standard (29 CFR 1910.1200).*
- **Classification system:**  
*The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.*
- **Label elements**
- **Labelling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)**
- **Hazard pictograms** *Not applicable.*
- **Signal word** *Not applicable.*
- **Hazard-determining components of labeling:** *Not applicable.*
- **Hazard statements** *Not applicable.*
- **Precautionary statements** *Not applicable.*
- **Hazards not otherwise classified (HNOC)** *No further relevant information available.*

### 3 Composition/information on ingredients

- **Chemical characterization:** *Substances*
- **CAS No. Description**  
*Copolyester*
- **Remark:** *This product contains Copolyester 100% by weight.*

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### 4 First-aid measures

- **Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**  
Never give anything by mouth to an unconscious person.  
Rinse out mouth with water.  
Seek medical treatment.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Fire-fighting measures

- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture:** No further relevant information available.
- **Special protective equipment and precautions for firefighters**
- **Protective equipment:**  
Wear fully protective suit.  
Mouth respiratory protective device.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**  
Avoid formation of dust.  
Ensure adequate ventilation.  
Keep away from ignition sources.  
Use respiratory protective device against the effects of fumes/dust/aerosol.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Pick up mechanically.  
Dispose contaminated material as waste according to section 13.

### 7 Handling and storage

- **Precautions for safe handling:**  
Ensure good ventilation/exhaustion at the workplace.  
Keep away from heat and direct sunlight.  
Prevent formation of dust.  
For the general occupational hygienic measures refer to Section 8.
- **Information about protection against explosions and fires:** Normal measures for preventive fire protection.
- **Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Store away from foodstuffs.

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- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

### 8 Exposure controls/personal protection

- **Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure**
- **Appropriate engineering controls:** See Section 7 for information about design of technical facilities.

- **Personal protective equipment**

- **Breathing equipment:** Suitable respiratory protective device recommended.

- **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

- **Penetration time of glove material:**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:** Goggles recommended during refilling.

### 9 Physical and chemical properties

- **General Information**

- **Appearance:**

**Form:** Solid

**Color:** Transparent

- **Odor:** Odorless

- **Odor threshold:** Not available.

- **pH-value:** Not available.

- **Change in condition**

**Melting point/Melting range:** Not available.

**Freezing point:** Not available.

**Boiling point / Boiling range:** Not available.

- **Flash point:** Not available.

- **Flammability (solid, gaseous):** Not available.

- **Auto-Ignition temperature:** Not available.

- **Decomposition temperature:** Not available.

- **Explosion limits:**

**Lower:** Not available.

**Upper:** Not available.

- **Vapor pressure:** Not available.

- **Density:** Not available.

- **Relative density** Not available.

- **Vapor density** Not available.

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- |   |  |
|---|--|
| · <b>Evaporation rate</b>                         | Not available.                             |
| · <b>Solubility in / Miscibility with Water:</b>  | Not available.                             |
| · <b>Partition coefficient (n-octanol/water):</b> | Not available.                             |
| · <b>Viscosity:</b>                               |  |
| <b>Dynamic:</b>                                   | Not available.                             |
| <b>Kinematic:</b>                                 | Not available.                             |
| · <b>Other information</b>                        | No further relevant information available. |

### 10 Stability and reactivity

- **Reactivity:** No decomposition if used according to specifications.
- **Chemical stability:** Stable under recommended storage conditions.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **Acute toxicity**
- **LD/LC50 values that are relevant for classification:** Not available.
- **Skin corrosion/irritation:** Irritating effect possible.
- **Serious eye damage/irritation:** Irritating effect possible.
- **Respiratory or skin sensitisation:** Sensitization possible.
- **Additional toxicological information:**  
The product is not subject to classification according to internally approved calculation methods for preparations.
- **Carcinogenic categories**

#### · **IARC (International Agency for Research on Cancer)**

Substance is not listed.

#### · **NTP (National Toxicology Program)**

Substance is not listed.

#### · **OSHA-Ca (Occupational Safety & Health Administration)**

Substance is not listed.

### 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability:** No further relevant information available.
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.

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- **Other adverse effects:** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- |  |  |
|--|--|
| · <b>UN-Number</b>   |  |
| · <b>DOT, IMDG, IATA</b>   | Not applicable.                                      |
| · <b>UN proper shipping name</b>   |  |
| · <b>DOT, IMDG, IATA</b>   | Not applicable.                                      |
| · <b>Transport hazard class(es)</b>  |  |
| · <b>DOT, IMDG, IATA</b>   |  |
| · <b>Class</b>   | Not applicable.                                      |
| · <b>Label</b>   | Not applicable.                                      |
| · <b>Packing group</b>   |  |
| · <b>DOT, IMDG, IATA</b>   | Not applicable.                                      |
| · <b>Environmental hazards</b>   |  |
| · <b>Marine pollutant:</b>   | No   |
| · <b>Special precautions for user</b>  | Not applicable.                                      |
| · <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable.                                      |
| · <b>Transport/Additional information:</b>                                       | Not dangerous according to the above specifications. |
| · <b>UN "Model Regulation":</b>  | Not applicable.                                      |

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.
- **Sara**

· **Section 355 (extremely hazardous substances):**

Substance is not listed.

· **Section 313 (Specific toxic chemical listings):**

Substance is not listed.

· **TSCA (Toxic Substances Control Act):**

Substance is not listed.

· **Proposition 65**

· **Chemicals known to cause cancer:**

Substance is not listed.

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· **Chemicals known to cause reproductive toxicity for females:**

Substance is not listed.

· **Chemicals known to cause reproductive toxicity for males:**

Substance is not listed.

· **Chemicals known to cause developmental toxicity:**

Substance is not listed.

· **New Jersey Right-to-Know List:**

Substance is not listed.

· **New Jersey Special Hazardous Substance List:**

Substance is not listed.

· **Pennsylvania Right-to-Know List:**

Substance is not listed.

· **Pennsylvania Special Hazardous Substance List:**

Substance is not listed.

· **Carcinogenicity categories**

· **EPA (Environmental Protection Agency):**

Substance is not listed.

· **TLV (Threshold Limit Value established by ACGIH):**

Substance is not listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health):**

Substance is not listed.

### 16 Other information

\*\*\*\*\*  
 The contents and format of this SDS are in accordance with 29 CFR 1910.1200.

**DISCLAIMER OF LIABILITY**

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

· **Date of preparation / last revision** 01/29/2024

· **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods  
 DOT: US Department of Transportation  
 IATA: International Air Transport Association  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 NIOSH: National Institute for Occupational Safety  
 OSHA: Occupational Safety & Health

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