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CNAS IB0071



NO.2620120242

# SAFETY DATASHEET

**Product Name:** Medical Silicone Gel Dressing

**Effective Date:** 2021-01-18

**Compiler:** He Xiaoshuang

**Checker:** Liu Linyin

**Approver:** Zhangxiuqin



Shanghai Institute of Chemical Industry Testing Co., Ltd.



# Henan Huibo Medical Co.,Ltd.

## SAFETY DATA SHEET

### Medical Silicone Gel Dressing

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#### SECTION1 PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Medical Silicone Gel Dressing  
**Company:** Henan Huibo Medical Co.,Ltd.  
**Address:** West Section of Industrial Avenue, Nanyang Sheqi County Industrial Cluster Areas, Nanyang City, Henan Province, 473300, P. R. China  
**Email:** marketing@hbmed.cn  
**Fax:** /  
**Emergency Phone:** 86-377-60192292

**Recommend use of the chemical and restrictions on use:** It is suitable for inhibiting hyperplastic scars caused by body surface trauma, burns and surgery. Only apply to scars.

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#### SECTION2 HAZARDS IDENTIFICATION

**GHS Classification:**

**Physical Hazards:**  
Not Classified

**Health Hazards:**  
Classification not possible

**Environmental Hazards:**  
Classification not possible

This product contains 10% of ingredients with no data or information for classification, and may have potentially unknown hazards to human health and the environment.

The hazards not mentioned are not applicable or no data available.

**Label Elements:**

**Pictogram:**



Unknown

**Signal Word:**

Unknown

**Hazard Statements:**

Unknown

**Prevention Precautionary Statements:**

Unknown

**Response Precautionary Statements:**

Unknown

**Storage Precautionary Statements:**

Unknown

**Disposal Precautionary Statements:**

P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

**Other Hazards:**

No data available.

**SECTION3 INFORMATION ON INGREDIENTS****Product name:** Medical Silicone Gel Dressing

Ingredient	Concentration	CAS No.	EC No.
Mixtures:			
Purified water	80%	7732-18-5	231-791-2
Polydimethylsiloxanes	10%	63148-62-9	613-156-5
Emulsifier	8%	69072-97-5	614-920-0
Carbomer	2%	9007-17-4	/

**SECTION4 FIRST-AID MEASURES****Skin Exposure:**

If feel unwell, flush with copious amounts of water. If irritation persists, Call a physician.

**Eye Exposure:**

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, Call a physician.

**Inhalation Exposure:**

If inhaled, immediately remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Call a physician.

**Oral Exposure:**

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

**Most Important Symptoms/Effects, Acute and Delayed:**

No data available.

**Indication of Immediate Medical Attention and Special Treatment Needed, if Necessary:**

No data available.

**SECTION5 FIRE FIGHTING MEASURES****Suitable Extinguishing Media:**

Suitable: Dry chemical, Water spray, Carbon dioxide or appropriate foam.

**Specific Hazards Arising from the Chemical:**

Take care as it may decompose upon combustion or in high temperatures to generate Silicon oxides, Carbon oxides.

**Special Protective Action for Fire-fighters:**

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with eyes. Fire-extinguishing work is done from the windward. Uninvolved persons should evacuate to a safe place.

**SECTION6 ACCIDENTAL RELEASE MEASURES****Personal Precautions, Protective Equipment and Emergency Procedures:**

Use personal protective equipment. Ensure adequate ventilation. Avoid breathing vapors, mist or gas. Cut off the source of the leakage as far as possible. Remove all ignition sources. Keep away from or be upwind of leakage or spillage area. Unnecessary personnel are prohibited from entering.

**Environmental Precautions:**

Prevent further leakage or spillage if safe to do so. Avoid entering drains.

**Methods and Materials for Containment and Cleaning up:**

Mix with inert material (e.g. dry sand, vermiculite) and transfer to a dry, clean, lidded container for disposal. Using non-sparking tools. Avoid inhalation. Ventilate area and wash spill site after material pickup is complete.

**SECTION7 HANDLING AND STORAGE****Precautions for Safe Handling:**

Operators should be trained and strictly abide by operating procedures. Wear appropriate protective clothing and gloves. Avoid inhalation. Avoid contact with eyes and clothing. Prevent generation of vapor or mist. Handling is performed in a well ventilated place. Keep away from ignition sources, heat and flame. Incompatibilities: Acids, Bases. Handling and unloading should be light, to prevent packaging broken, damp and cause losses. Working place should be equipped with appropriate varieties and quantities of fire fighting equipment and leakage emergency treatment equipment.

**Conditions for Safe Storage, Including Any Incompatibilities:**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from ignition sources, heat and flame. Incompatibilities: Acids, Bases. Storage place should be equipped with appropriate varieties and quantities of fire fighting equipment and leakage emergency treatment equipment.

**SECTION8 EXPOSURE CONTROL/PPE****Control Parameters:**

GBZ 2.1-2019 Occupational Exposure Limits for Hazardous Agents in the Workplace - Part 1: Chemical Hazardous Agents:

Not set up.

ACGIH:

Not set up.

**Appropriate Engineering Controls:**

Mechanical exhaust required. Safety shower and eye bath.

**Individual Protection Measures:****Eye/Face Protection:**

Wear chemical safety glasses.

**Skin Protection:**

Hand Protection: Wear compatible protective gloves.

Body Protection: Wear appropriate protective clothing.

**Respiratory Protection:**

Wear government approved respirator.

**Thermal Hazards:**

No data available.

**Other Protect:**

No smoking, drinking and eating at working site. Wash thoroughly after handling.

**SECTION9 PHYSICAL/CHEMICAL PROPERTIES**

<b>Appearance:</b>	White cream
<b>Odor:</b>	Weak odor
<b>pH Value:</b>	Not applicable
<b>Solubility:</b>	Insoluble in water
<b>Boiling Point, Initial Boiling Point and Boiling Range:</b>	No data available
<b>Melting Point/Freezing Point:</b>	No data available
<b>Flash Point (Closed Cup):</b>	>96.0°C
<b>Density/Relative Density:</b>	No data available
<b>Kinematic Viscosity:</b>	No data available
<b>Lower/Upper Explosion Limit/Flammabili ty Limit:</b>	No data available
<b>Vapour Pressure:</b>	No data available
<b>Relative Vapor Density:</b>	No data available
<b>Partition Coefficient N-Octanol/Water( Log Value):</b>	No data available
<b>Autoignition Temperature:</b>	No data available
<b>Decomposition Temperature:</b>	No data available
<b>Particle Characteristics:</b>	No data available

**Flammability** Not applicable  
**(Solid, Gas):**

### SECTION10 STABILITY AND REACTIVITY

**Reactivity:**

No data available.

**Chemical Stability:**

Stable under normal temperatures and pressures.

**Possibility of Hazardous Reactions:**

No data available.

**Conditions to Avoid:**

No data available.

**Incompatible Materials:**

Acids, Bases.

**Hazardous Decomposition Products:**

Silicon oxides, Carbon oxides.

### SECTION11 TOXICOLOGICAL INFORMATION

**Acute Toxicity:**

Polydimethylsiloxane: Rat oral toxicity LD<sub>50</sub>:> 24000 mg/kg

**Skin Corrosion/Irritation:**

No data available.

**Serious Eye Damage/Irritation:**

No data available.

**Respiratory Sensitization:**

No data available.

**Skin Sensitization:**

No data available.

**Carcinogenicity:**

No data available.

**Germ Cell Mutagenicity:**

No data available.

**Reproductive Toxicity:**

No data available.

**Specific Target Organ Toxicity -Single Exposure:**

No data available.

**Specific Target Organ Toxicity -Repeated Exposure:**

No data available.

**Aspiration Hazard:**

No data available.

### SECTION12 ECOLOGICAL INFORMATION

**Toxicity:**

No data available.

**Persistence and Degradability:**

No data available.

**Bioaccumulative Potential:**

No data available.

**Mobility in Soil:**

No data available.

**Other Adverse Effects:**

No data available.

**SECTION13 DISPOSAL CONSIDERATION****Disposal Methods:**

Recycle as far as possible. If unable to recycle, it is recommended to use incineration method for disposal under supervision. This product should not be disposed of by discharge into sewers. Return empty containers to the manufacturer or dispose of them in accordance with national and local regulations. Follow the relevant provisions of national and local regulations before disposal. It is recommended to be disposed of by a qualified chemical waste treatment department.

**SECTION14 TRANSPORT INFORMATION**

<b>RID/ADR (2019 Edition):</b>	The product is not subject to RID/ADR.
<b>IATA DGR (62<sup>nd</sup> Edition) :</b>	The product is not subject to IATA DGR.
<b>IMO IMDG Code(2018 Edition):</b>	The product is not subject to IMO IMDG Code.
<b>Environmental Hazards:</b>	Unknown.
<b>Special Precautions for User:</b>	No data available.
<b>Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC Code:</b>	Not applicable.

**SECTION15 REGULATORY INFORMATION****Montreal Protocol:**

Not listed.

**Stockholm Convention:**

Not listed.

**Rotterdam Convention:**

Not listed.

**EINECS/ELINCS:**

Purified water in the product is listed.

**TSCA:**

Purified water, Polydimethylsiloxanes in the product are listed.

**IECSC:**

All ingredients in the product are listed.

**SECTION16 OTHER INFORMATION****Preparation Date:**

2021-01-18

**Preparation Department:**Shanghai Research Institute of Chemical Industry Testing Co., Ltd.  
Tel(Fax): +86-21-52815377/31765555**Revision:**

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**Reference Standard:**GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS), 8<sup>th</sup> revised edition**Abbreviations and Acronyms:**

CAS: Chemical Abstracts Service EC: European Commission ACGIH: American Conference of Governmental Industrial Hygienists LD<sub>50</sub>: Lethal dose, 50% ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road RID: Regulations concerning the International Carriage of Dangerous Goods by Rail IMO IMDG CODE: International Maritime Organization International Maritime Dangerous Goods Code IATA DGR: International Air Transport Association Dangerous Goods Regulations MARPOL: International Convention for the Prevention of Pollution from Ships IBC: Intermediate Bulk Containers EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances TSCA: Toxic Substances Control Act IECSC: Inventory of Existing Chemical Substances in China

**Other Information:**

This SDS is compiled based on the information such as ingredients provided by the applicant and our current knowledge. This SDS shall be used only as a guide. The users of this SDS must make independent judgments on the correctness and completeness and then decide its suitability according to the actual situation. The users should take the relevant legal responsibilities for the consequences of use.