

SAFETY DATA SHEET



1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY

Product Name **ProCure Dressing Extra Strong Clear Gelling**
Product Code PCHCMC22, PCHCMC45, PCHCMC66, PCHCMC075
Company Name Twin Med LLC.
(Supplier of SDS)
Address 11333 Greenstone Ave. • Santa Fe Springs, CA 90670
Contact 1-877-TwinMed (894-6633)
Emergency 1-877-TwinMed (894-6633)
Relevant Use Used for coverings and nursing chronic wounds

2. HAZARD IDENTIFICATION

2.1 Overview of emergency: None
2.2 Hazard category: None
2.3 Labeling elements: None
2.4 Physical and chemical hazards: None
2.5 Health hazards:
Dermal exposure: None
Eye contact: None
Ingestion: ingestion has potential chronic health hazardous.
Inhalation: None
2.6 Environmental hazards: None
2.7 Other hazards: None

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Material: ☒ Mixture: ☐

3.2 Composition:

Composition/Chemical name	Content	CAS
Sodium carboxymethyl cellulose	100%	9004-32-4

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4. FIRST AID MEASURES

4.1 Skin contact: Usually there is no health hazard, such as irritation or allergy symptoms, which require medical attention.

Eye contact: Wash the eyes with low-pressure water, if irritation persists, seek medical attention.

Inhalation: Wash with low pressure water

Ingestion: Induce vomiting and seek immediate medical attention

4.2 The most important symptoms and health effects: Skin irritation or allergic reaction may occur.

4.3 Advice for the protection of rescuers: None

4.4 Special tips for doctors: The product itself should be informed that there is no allergy and irritation, a small number of people with special constitution to the product will produce allergy and irritation.

5. FIRE FIGHTING MEASURES

5.1 Special hazards that may be encountered in fire extinguishing: Smoke stimulation

5.2 Fire extinguishing method and extinguishing agent: Dry powder, foam, carbon dioxide and mist water

5.3 Harmful combustion product: CO and CO₂

5.4 Fire extinguishing precautions:

a) Personal protection for firefighters: Fire and gas resistant clothing

b) No prohibited fire extinguishing agent

6. ACCIDENTAL RELEASE MEASURES

6.1 Personnel protection measures, protective equipment and emergency response procedures: eliminate all ignition sources; Adequate ventilation.

6.2 Environmental protection measures: collect the leakage and deal with it according to local regulations.

6.3 The storage and removal methods of leaked chemicals and the disposal materials used: collect and store the leaked materials, and do not confuse them with normal products; Use non-sparking tools and equipment.

6.4 Preventive measures to prevent secondary disasters: eliminate ignition sources and prevent leakage from entering sewers and basements.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling: Read the instructions carefully before use to avoid misuse of the product.

7.2 Conditions for safe storage, including any incompatibilities: Gelling Fiber Dressing should be stored at room temperature, ventilated, dry and away from light, without corrosive gas or harmful substances in the environment, with good ventilation, and should not be stored together with harmful substances. No special precautions are required. Keep away from open fire, strong alkali, strong acid, strong oxidant and highly flammable substances. Prevent rain or moisture.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 maximum allowable concentration :/

8.2 Exposure detection method: /

8.3 Exposure control: /

8.4 Respiratory protection: Dust mask. Not required for normal conditions of use.

8.5 Eye protection : Safety goggles

8.6 Body protection: /

8.7 Hand protection : Rubber gloves

Other protection: personal hygiene requirements, regular physical examination

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: The surface of the dressing should be clean, smooth, no impurities, white or light yellow, soft texture, no obvious irritating odor.

melting point: /	Boiling Point: /
relative density (water=1) : /	Relative vapor density (air=1) : /
saturated vapor pressure (kPa) /	Combustion value (KJ/mol) : /
Critical temperature (°C) : /	Critical pressure (MPa) : /
Logarithmic value of octanol/water partition coefficient: /	
Flash point(C): /	Upper explosion limit%(V/V): /
Ignition temperature(C): /	Lower explosive limit%(V/V): /
solubility:Soluble in water to form a transparent gel.	

Other physical and chemical properties:

1、Size: <10cm, ± 0.2cm; ≥10cm, ± 0.5cm

2、Mass per unit area: 150 ± 50g/m²

3、pH: 5.0-8.5

4、Liquid absorption: ≥10.0g/g

5、Loss on drying: When drying at 105°C and dried to constant weight, the loss rate is less than 20%.

6、Fluorescent substance: The dressing has no strong blue fluorescence under 365nm UV light.

7、Tensile strength: Longitudinal tension ≥1.50N; Lateral tension ≥0.50N.

8、Heavy metal content: ≤20ppm

9、Gelling property: Gel should occur after the dressing absorbs liquid.

10、Sterility check: The dressing should be sterile.

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10. STABILITY AND REACTIVITY

- 10.1 Stability: Product is stable.
- 10.2 Possibility of hazardous reactions: None
- 10.3 Conditions to avoid: Avoid freezing or heating
- 10.4 Incompatible materials: None
- 10.5 Decomposition products: No data.

11. TOXICOLOGICAL INFORMATION

- 11.1 Acute toxicity: None
- 11.2 Skin irritation: None
- 11.3 Eye damage/irritation: None
- 11.4 Respiratory or skin allergy: None
- 11.5 Germ cell mutagenicity: None
- 11.6 Carcinogenicity: None
- 11.7 Reproductive toxicity: None
- 11.8 Specific target organ toxicity - single exposure: /
- 11.9 Specific target organ toxicity - repeated exposure: /

12. ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity: /
- 12.2 biodegradability : /
- 12.3 Non-biodegradability: /
- 12.4 Biological enrichment or accumulation: /
- 12.5 Other harmful effects: /

13. DISPOSAL CONSIDERATIONS

- 13.1 Nature of waste: This product is not a hazardous waste determined by RCRA.
- 13.2 Waste disposal method: Dispose in accordance with relevant local regulations on medical waste treatment.
- 13.3 Precautions for disposal: If the product has been used, it shall be treated as medical device waste.

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14. TRANSPORT INFORMATION

14.1 UN code: None

14.2 UN proper shipping name: None

14.3 UN classification (transport hazard category): None

14.5 Packing classification: None

14.6 Whether it is a marine pollutant: Yes

14.7 Precautions for transportation: Protection from freezing, crushing, sun exposure, rain and drenching should be maintained during shipment.

15. REGULATORY INFORMATION

Applicable regulations: /

16. OTHER INFORMATION

16.1 Note! Do not use the product or material in vivo or directly with blood pathways as the product has not been further clinically validated in vivo or in the scope of blood pathways; Nor does it provide any expressive, promise or implied warranty with respect to in vivo transplantation.

16.2 References: None