

## Material safety data sheet

### Section 1: Product and company identification

**Product name:** hydrogel dressing  
**Manufacturer:** Reliance Medical Ltd  
**Issue Date:** 6/7/2008  
**Product use:**  
    **Intended use:** used as a wound dressing

### Section 2: ingredients

<b>Ingredient</b>	<b>C.A.S No</b>	<b>% by weight</b>
Hydrogel	Unknown	40-50%
PU film	Unknown	5-15%
PE Net	Unknown	2-5%
Acrylic adhesive	Unknown	5-15%
Silicon paper	Unknown	10-15%
Wrapping paper	unknown	50-60%

### Section 3: Hazards identification

#### 3.1 Emergency overview

**Color:** Semi-translucent

**Odor:** no characteristic odor

**General physical form:** gel

**Immediate health, physical and environmental hazards:** this product, when used under reasonable condition and in accordance with Reliance Medical directions for use, should not present a health hazard, however, use or processing of the product in a manner not in Accordance with the product's directions for use may affect the performance of the product and may present a potential health and safety hazards

#### 3.2 Potential health effects.

**Eye contact:**

Contact may cause irritation due to mechanical abrasion

**Skin contact:**

No health effects are expected

**Inhalation:**

No health effects are expected

**Ingestion:**

Not an expected route of entry during normal handling and use

## Section 4: First aid measures

### 4.1 First aid procedures

the following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed

**Eye contact:** Flush eyes with large amounts of water, if signs persist, get medical attention

**Skin contact:** No need for first aid is anticipated

**Inhalation:** No need for first aid is anticipated

**IF Swallowed :** do not induce vomiting ,give victim two glasses of water .never give any thing by mouth to an unconscious person, get immediate medical attention

## Section 5: Fire fighting measures

### 5.1 Flammable properties

Autoignition temperature	N/A
Flash point	N/A
Flammable limits-LEL	N/A
Flammable limits-UEL	N/A

### 5.2 Extinguishing media

Ordinary combustible material. Use fire extinguishers with class A extinguishing agents (water, foam..) , use fire extinguishers with class B extinguishing agents ( dry chemical, carbon dioxide..)

### 5.3 protections of fire fighters

Special fire fighting procedures: wear full protective equipments (bunker gear) and a self – contained breathing apparatus (SCBA).

Unusual fire and explosion hazards: N/A

## Section 6: Accidental release measures

Accidental release measures: N/A

## Section 7: Handling and storage

### 7.1 Handling

This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

### 7.2 Storage

N/A

## Section 8: Exposure controls/personal protection

### 8.1 Engineering controls

N/A

### 8.2 Personal protective equipments

**8.2.1 Eye/face protection**  
N/A  
**8.2.2 Skin protection**  
N/A  
**8.2.3 Respiratory protection**  
N/A  
**8.2.4 Prevention of swallowing**  
Don't ingest

## Section 9: Physical and Chemical properties

**Odor, Color:** Semi-translucent with no characteristic odor  
**General physical form:** gel  
**Auto ignition Temp:** N/A  
**Flash point:** N/A  
**Flammable limits-LEL:** N/A  
**Flammable Limits- UEL:** N/A  
**Boiling Point:** N/A  
**Density/A**  
**Vapor Density:** N/A  
**Specific gravity:** N/A  
**PH:**5-7  
**Melting point:** No data available  
**Solubility in water:** Negligible  
**Evaporation rate:** N/A  
**Volatile organic compounds:** N/A  
**Percent volatile:** N/A  
**VOC less H2O & exempt solvents:** N/A  
**Viscosity:** N/A

## Section 10: Stability and reactivity

**Stability:** Stable  
**Materials and conditions to avoid:** None Known  
**Hazardous polymerization:** Will Not occur  
**Hazardous decomposition:** Hydrocarbons, Carbon monoxide, carbon dioxide

## Section 11: Toxicological information

**11.1 Intracutaneous reactions:** the product did not cause an intracutaneous reaction under the test conditions  
**11.2 Cytotoxicity Test:** the product caused no toxicological/biological critical cell damages and growth inhibition (non-cytotoxic )  
The product meets the requirements of DIN-ISO 10993

For any more information contact Reliance Medical Ltd.

## Section 12 : Ecological information

**Ecotoxicological information: N/A**

**Chemical Fate information: N/A**

### **Section 13: Disposal considerations**

**Waste disposal method:**

**Dispose of in accordance with all applicable local and national regulations**

### **Section 14: Transport information**

**The data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment.**

**U.S. DOT Hazard Class:**

**Not regulated as hazardous**

**UN Number:**

**Not regulated as hazardous**

Health care is our History present and future

### **Section 15: Regulatory information**

**International regulations: Contact Reliance Medical for more information**

### **Section 16: Other information**

**Not applicable**

**Disclaimer:** the information in this material safety data sheet is believed to be correct as of the date issued , Reliance Medical makes no warranties ,expressed or implied ,including but not limited to any implied warranty of merchantability or fitness for a particular purpose or course of performance or usage of trade, User is responsible for determining whether the Reliance Medical product is fit for a particular purpose and suitable for user's method of use ,given the Varsity of factors that can affect the use and application of a Reliance Medical product some of which are uniquely within the user's knowledge and control ,it's essential that the user evaluate the Reliance Medical product to determine whether it is fit for a particular purpose.