



MATERIAL SAFETY DATA SHEET

BURNSOOTHE BURN GEL DRESSINGS

1. PRODUCT AND COMPANY IDENTIFICATION

- 1.1 Manufacturer Company:** Reliance Medical Shanghai LTD
1.2 Manufacturer Address: First Floor, Building 66, Lane 118, Suide Road, Putuo District, Shanghai, China.
1.3 EC Company: Reliance Medical LTD
1.4 EC Address: West Ave, Talke, Stoke-On-Trent, Staffordshire, ST7 1TL, United Kingdom.
1.5 EC Phone Number: 08456 448808

2. HAZARD IDENTIFICATION

- 2.1 Classification according to GHS:** Sensitisation, skin (1); Specific target organ toxicity, single exposure; respiratory tract irritation (3).
2.2 Hazard statements: May cause an allergic reaction. May cause respiratory irritation.
2.3 Prevention: Avoid breathing mist, vapours, spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves. Use only outdoors or in a well-ventilated area.
2.4 Response: If on skin, wash with plenty of water. If skin irritation or a rash occurs, get medical advice. Call a poison centre if you feel unwell. Take off contaminated clothing and wash it before reuse. If inhaled, remove person to fresh air and keep comfortable for breathing.
2.5 Emergency Overview: N/A

3. INFORMATION ON INGREDIENTS

Component	CAS No.	EC#.	Weight (%)
Carbomer 940	9003-01-4	-	0.49
Melaleuca Oil	68647-73-4	-	1
Emulsifiers Surfactant	61788-85-0	500-147-5	0.09
Thickeners	102-71-6	203-049-8	0.19
Purified Water	7732-18-5	231-791-2	98.3

4. FIRST AID MEASURES

Normal use does not require special measures; for industrial production in the long term, refer to the following:

- 4.1 Skin Exposure:** After skin contact, wash with water and soap.
4.2 Eye Exposure: After eye contact, flush eyes with water.
4.3 Inhalation Exposure: After inhalation, remove victim to fresh area.
4.4 Oral Exposure: After swallowing, do not induce vomiting. Get medical attention.
4.5 PPE for First Aid responders: No data available.
4.6 Symptoms/effects, acute and delayed: No data available.

4.7 Indication of immediate medical attention: No data available.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing Media: Use extinguishing agent suitable for local conditions and the surrounding environment such as dry powder or CO₂.

5.2 Unsuitable extinguishing media: No data available.

5.3 Specific hazards arising from the chemical: No data available.

5.4 Specific protective actions for fire fighters: Protective equipment. Wear self-contained respirator. Wear fully protective impervious suit.

6. ACCIDENTAL RELEASE MEASURES

Normal use does not require special measures; for industrial production in the long term, refer to the following:

6.1 Procedure of Personal Precaution: Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.

6.2 Protective equipment: No data available.

6.3 Emergency procedures: Remove ignition sources and evacuate area. Sweep up using a method that does not generate dust. Collect as much of the spilled material as possible and place the spilled material into a suitable disposal container. Keep spilled material out of sewers, ditches and bodies of water.

6.4 Environmental precautions: Do not allow material to be released to the environment without proper governmental permits.

6.5 Methods for containment and cleaning up: All waste must refer to the United Nations, the national and local regulations for disposal.

7. HANDLING AND STORAGE

Normal use does not require special measures; for industrial production in the long term, refer to the following:

7.1 Handling: Store in a cold, dry, well-ventilated environment. Store away from food and water supplies. Wash your hands thoroughly before eating and drinking. Storage of chemicals needed to prevent the generation and accumulation of static electricity when handling the container. Stay away from taboo, such as strong oxidising agents.

7.2 Fire and explosion protection: The product is non-flammable.

7.3 Storage: Store in a cool place. Keep container closed. Store in a dry and ventilated place. Keep container tightly sealed.

8. EXPOSURE CONTROL/PPE

8.1 Engineering Controls: The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed. Remove all soiled and contaminated clothing immediately. Wash hands before breaks and at the end of work.

8.2 Personal Protective Equipment:

8.2.1 Respiratory: Wear suitable protective mask in order to reduce the respiratory system. With a large leakage, wear chemical protective clothing, including self-contained breathing apparatus.

8.2.2 Eye: Wear safety goggles or eye protection combined with respiratory protection.

8.2.3 Clothing: Wear suitable protective clothing to minimise contact with skin. The type of protective equipment must be according to the concentration and the content of certain hazardous substances in the workplace.

8.2.4 Hand: Wear appropriate protective gloves to reduce skin contact.

9. PHYSICAL CHEMICAL PROPERTIES

9.1 Colour: White.

9.2 Physical State: Paste liquid.

9.3 Odour: Not available.

9.4 pH: 4.8 (25°C, 70%RH).

9.5 Flash Point: >100°C (Closed cup).

9.6 Solubility: Slightly soluble in water.

10. STABILITY AND REACTIVITY

10.1 Chemical stability: Stable.

10.2 Possibility of hazardous reaction: No data available.

10.3 Conditions to avoid: Incompatible materials.

10.4 Incompatibilities Materials: No data available.

10.5 Hazardous Decomposition Products: Carbon oxide.

11. TOXOLOGICAL INFORMATION

11.1 Acute toxicity:

CAS No.

LC50/LD50

9003-01-4

LD50 Rat (oral): 2500mg/kg

68647-73-4

LD50 Rat (oral): 1400-2700mg/kg

61788-85-0

No data available.

102-71-6

LD50 Rat (oral): 8000mg/kg

7732-18-5

No data available.

11.2 Skin corrosion/irritation: No data available.

11.3 Serious eye damage/irritation: No data available.

11.4 Respiratory or skin sensitisation: No data available.

11.5 Germ Cell mutagenicity: No data available.

11.6 Carcinogenicity: No data available.

11.7 Reproductive toxicity: No data available.

11.8 Specific target organ toxicity - Single exposure: No data available.

11.9 Specific target organ toxicity - Repeated exposure: No data available.

11.10 Aspiration hazard: No data available.

11.11 Information on the likely routes of exposure: No data available.

11.12 Eye, Skin, Ingestion and Inhalation: No data available.

12. ECOLOGICAL INFORMATION

12.1 Ecological 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 Other adverse effects: No data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods recommendation: Consult state, local or national regulations to ensure proper disposal.

13.2 Uncleaned packaging recommendation: Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

Not applicable.

15. REGULATORY INFORMATION

CAS No.	TSCA	IECSA	DSL/NDSL	EINECS/ELINCS/NLP
9003-01-4	Listed	Listed	Listed DSL	Listed
68647-73-4	Listed	Listed	Listed DSL	Listed
61788-85-0	Listed	Listed	Listed DSL	Listed
102-71-6	Listed	Listed	Listed DSL	Listed
7732-18-5	Listed	Listed	Listed DSL	Listed

16. OTHER INFORMATION

For further information, please contact Reliance Medical LTD.

To the best of our knowledge at the date of printing, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



MATERIAL SAFETY DATA SHEET

PLASTER ADHESIVE FOR WASHPROOF, FABRIC, HEAVYWEIGHT FABRIC, BLUE, AND MULTISOFT PLASTERS

1. PRODUCT AND COMPANY IDENTIFICATION

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2. HAZARD IDENTIFICATION

- 2.1 Emergency overview-** IRRITANT
HIGHLY FLAMMABLE
2.2 Eye- Will cause eye irritation.
2.3 Skin contact- Repeated or prolonged contact may cause defatting of the skin resulting in dryness, cracking and dermatitis.
2.4 Inhalation- Low order of toxicity.
2.5 Ingestion- Low oral toxicity.

3. INFORMATION ON INGREDIENTS

CHEMICAL FAMILY

<u>Component</u>	<u>CAS No.</u>	<u>Concentration</u>
3.1- Ethylacetate	141-78-6	10-30
3.2- Isopropanol	67-63-0	10-20
3.3-n-Heptane	142-82-5	1-20
3.4- Toluene	108-88-3	1-5

4. FIRST AID MEASURES

Normal use does not require special measures; for industrial production in the long term, refer to the following:

- 4.1 Eye-** Irrigate with eyewash solution or clean water until pain is relieved.
4.2 Skin contact- Wash skin with soap and water. Remove grossly contaminated clothing, including shoes, and launder before re-use. Discard shoes.
4.3 Inhalation- Remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Get medical attention.
4.4 Ingestion- Treat symptomatically and supportively. Get medical attention.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing Media: Use extinguishing agent suitable for local conditions and the surrounding environment such as dry powder or CO₂ dry chemical; Foam, Water fog.

5.2 Special firefighting procedures- Fire fighters should be equipped with self-contained apparatus to protect against potentially toxic and irritating fumes; cool exposed equipment with water spray.

5.3 Fire and explosion- Dangerous fire hazard when exposed to heat or flame. The vapour is heavier than air and may travel a considerable distance to a source of ignition and flashback.

5.4 Hazardous combustion products- Thermal decomposition could produce carbon monoxide, carbon dioxide, and unidentified organic compounds.

5.5 Lower explosion limit- (%) 2.0

5.6 Upper explosion limit (%) 19.0

5.7 Auto flammability- >260 degrees

5.8 Flash point- -4 degrees

6. ACCIDENTAL RELEASE MEASURES

Normal use does not require special measures; for industrial production in the long term, refer to the following:

6.1- Spill and leak procedures- Shut off ignition sources, stop leak if you can do it without risk. For small liquid spills, take up with sand or other absorbent material. For larger spills, dam far ahead of spill for later disposal. No smoking, flames or flares in hazard area! Keep unnecessary people away.

7. HANDLING AND STORAGE

Normal use does not require special measures; for industrial production in the long term, refer to the following:

7.1 Handling: Store in a cold, dry, well-ventilated environment. Store away from food and water supplies. Wash your hands thoroughly before eating and drinking. Storage of chemicals needed to prevent the generation and accumulation of static electricity when handling the container. Stay away from taboo, such as strong oxidizing agents.

7.2- sensitive to static- Yes.

7.3- Special sensitivity- Keep away from heat.

7.4- Sensitivity to mechanical impact- No.

8. EXPOSURE CONTROL/PPE

<u>Component</u>	<u>Exposure limits</u>
8.1- Ethylacetate	ACGIH-TW A: 400ppm
8.2- Isopropanol	ACGIH-STEL:500ppm ACGIH-TW A:400ppm
8.3- n-Heptane	ACGIH-STEL:500ppm ACGIH-TW A:400ppm
8.4- Toluene	ACGIH-TW A: 50ppm (skin)

8.5- Ventilation- Enough to keep vapors below the TLV exposure limits.

8.6- Eye protection- Goggles

8.7- Glove requirements- Impervious neoprene or rubber gloves are recommended

8.8 -Clothing requirements- Uniforms, overalls, or a lab coat.

8.9- Wash requirements- Wash before eating, drinking, lab coat should be worn.

8.10- Respiratory requirements- use approval respirator if required. Self-contained breathing apparatus in emergency and non-routine situations.

9. PHYSICAL CHEMICAL PROPERTIES

Pure substance or preparation- Preparation

9.0- Physical form- Liquid

9.1- Colour- Colorless

9.2- Odor- Petrol-like

9.3- Boiling Point- > 60degrees

9.4- pH: 4.8 (25°C, 70%RH).

9.5- Flash Point: >100°C (Closed cup).

9.6- Solubility: Slightly soluble in water.

10. STABILITY AND REACTIVITY

10.1 Chemical stability: Stable.

10.2 Possibility of hazardous reaction: No data available.

10.3 Conditions to avoid: Incompatible materials.

10.4 Incompatibilities Materials: No data available.

10.5 Hazardous Decomposition Products: Carbon oxide.

11. TOXOLOGICAL INFORMATION

11.1 Eye- Will cause eye irritation.

11.2 Skin contact- Repeated or prolonged contact may cause defatting of the skin resulting in dryness, cracking and dermatitis.

11.3 Inhalation- Low order of toxicity.

11.5 Ingestion- Low oral toxicity.

11.6 Skin corrosion/irritation: No data available.

11.7 Serious eye damage/irritation: No data available.

11.8 Respiratory or skin sensitization: No data available.

11.9 Germ Cell mutagenicity: No data available.

12. ECOLOGICAL INFORMATION

12.1 Potential effect- Unknown

12.2 Persistence and degradability- Unknown

12.3. Ecotoxicity- Unknown

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods recommendation: Consult state, local or national regulations to ensure proper disposal.

13.2 Empty container warning- empty containers may contain product residue; follow SDS and label warnings even after they have been emptied.

14. TRANSPORT INFORMATION

IATA CLASSIFICATION
PROPER SHIPPING NAME- ADHESIVES
HAZARD CLASS- 3
U.N NUMBER- UN1133
PACKAGING GROUP- 11

IMDG CLASSIFICATION
PROPER SHIPPING NAME- ADHESIVES
HAZARD CLASS- 3.2
U.N NUMBER- UN1133
PACKAGING GROUP- 11

ADR/RID
PROPER SHIPPING NAME- ADHESIVES
HAZARD CLASS- 3
SUBSIDIARY HAZARD CLASS
U.N NUMBER- UN1133
PACKAGING GROUP- 11

15. REGULATORY INFORMATION

RISK PHRASES

- R36-** irritating to eyes
- R66-** repeated exposure may cause skin dryness and dizziness
- R67-** vapors may cause drowsiness
- R11-** highly flammable
- S9-** keep container in a well-ventilated place
- S16-** keep away from sources of ignition- no smoking
- S26-** in case of contact with eyes, rinse immediately with water.
- S37-** Wear suitable gloves.

16. OTHER INFORMATION

FOR REGULATORY INFORMATION
CONTACT: 08456 448808
West Ave, Talke, Stoke-On-Trent, Staffordshire, ST7 1TL, United Kingdom.

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MATERIAL SAFETY DATA SHEET

WOUND CLEANSING WIPES

1. PRODUCT AND COMPANY IDENTIFICATION

- 1.1 Manufacturer Company:** Reliance Medical Shanghai LTD
1.2 Manufacturer Address: First Floor, Building 66, Lane 118, Suide Road, Putuo District, Shanghai, China.
1.3 EC Company: Reliance Medical LTD
1.4 EC Address: West Ave, Talke, Stoke-On-Trent, Staffordshire, ST7 1TL, United Kingdom.
1.5 EC Phone Number: 08456 448808

2. COMPOSITION AND INFORMATION ON INGREDIENTS

CAS#	Chemical Name	Percent	EINECS/ELINCS
7647 -14-5	Sodium chloride	0.9	231 -598 -3
7732 -18-5	Water	99.1	231 -791 -2

3. HAZARD IDENTIFICATION

- 3.1 Routes of Entry:**
3.1.1 Inhalation: YES
3.1.2 Skin: YES
3.1.3 Ingestion: YES
3.2 Reports of Carcinogenicity:
3.2.1 NTP:NO
3.2.2 IARC:NO
3.2.3 OSHA:NO
3.3 Explanation of Carcinogenicity: NONE

4. FIRST AID MEASURES

- 4.1 Description of first aid measures**
4.1.1 Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid.
4.1.2 Skin: In case of contact, flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse.
4.1.3 Ingestion: Potential for aspiration if swallowed. Flush mouth with water.
4.1.4 Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

5. FIRE FIGHTING MEASURES

5.1 General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Use water spray to keep fire-exposed containers cool.

5.2 Extinguishing Media: use dry chemical, carbon dioxide, alcohol-resistant foam, or water spray. For small fires, use carbon dioxide, dry chemical, dry sand, or alcohol-resistant foam. Cool containers with flooding quantities of water until well after fire is out.

6. ACCIDENTAL RELEASE MEASURES

6.1 General Information: Use proper personal protective equipment as indicated in Section

6.2 Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Use water spray to dilute spill to a non-flammable mixture. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation. A vapor suppressing foam may be used to reduce vapors.

7. HANDLING AND STORAGE

Handling: Wash thoroughly after handling.

Storage: Do not mix with other drugs.

8. EXPOSURE CONTROL/PPE

8.1 Respiratory Protection: Niosh approved respirator.

8.2 Ventilation: Local Exhaust.

8.3 Protective Gloves: Disposable Surgical Latex

8.4 Eye Protection: Safety Goggles

8.5 Other Protective Equipment: Disposable Protective Apparel

8.6 Work Hygienic Practices: Remove/Laundry Contaminated Clothing Before Reuse.

9. PHYSICAL CHEMICAL PROPERTIES

9.1 pH: 4.5-7

9.2 Solubility in Water: Complete.

9.3 Appearance and Odor: Clear colorless solution with odour.

10. STABILITY AND REACTIVITY

10.1 Chemical Stability: Stable.

10.2 Conditions to Avoid: Ignition sources, excess heat.

10.3 Incompatibilities with Other Materials: Strong oxidizing agents, strong acids, strong bases, amines, ammonia, ethylene oxide, isocyanates, acetaldehyde, chlorine, phosgene. Attacks some forms of plastics, rubbers, and coatings; aluminum at high temperatures.

10.4 Hazardous Decomposition Products: Fume.

10.5 Hazardous Polymerization: Will not occur.

11. TOXOLOGICAL INFORMATION

Oral, rat: LD50 = > 4000 mg/kg;

12. ECOLOGICAL INFORMATION

Base on the ingredients, this product is not expected to be harmful to aquatic organisms or the aquatic environment.

13. DISPOSAL

Dispose according to local/national waste regulations as hazardous waste.

14. TRANSPORT INFORMATION

Transport as ordinary goods.

15. REGULATORY INFORMATION

Store in cool dry place.

16. OTHER INFORMATION

For further information, contact Reliance Medical LTD on 08456 448808.

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