



# MATERIAL SAFETY DATA SHEET

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

### 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 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>
<b>3.1-</b> Ethylacetate	141-78-6	10-30
<b>3.2-</b> Isopropanol	67-63-0	10-20
<b>3.3-</b> n-Heptane	142-82-5	1-20
<b>3.4-</b> 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 CO<sub>2</sub> 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>
<b>8.1- Ethylacetate</b>	ACGIH-TW A: 400ppm
<b>8.2- Isopropanol</b>	ACGIH-STEL:500ppm ACGIH-TW A:400ppm
<b>8.3- n-Heptane</b>	ACGIH-STEL:500ppm ACGIH-TW A:400ppm
<b>8.4- Toluene</b>	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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