

# MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT: **Quickfix – All Purpose Adhesive**

MSDS DATE: 11/2019

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Wembley's Quickfix All Purpose Adhesive  
**MANUFACTURER:** Wembley Laboratories Ltd.  
**ADDRESS:** 527, Pace City – II, Sector 37, Gurgaon, Haryana - 122001  
**EMERGENCY PHONE:** +91 8527499493  
**OTHER CALLS:** +91 9805403303  
**CHEMICAL FAMILY:** Nitrocellulose Solution  
**PRODUCT USE:** Adhesive  
**PREPARED BY:** Wembley Laboratories Ltd.

## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

### HAZARDOUS CONSTITUENTS

Nitrocellulose cotton  
Toluene  
Acetone  
Ethyl Acetate  
Butyl Acetate  
Methyl Isobutyl Ketone (MIBK)

## SECTION 3: HAZARDS IDENTIFICATION

### Emergency Overview

**Appearance, form & odor:** Clear to very slight yellow liquid with solvent odor.

**DANGER!** Extremely Flammable. Keep away from heat, sparks, open flame. An eye irritant. May cause skin irritation. Overexposure may cause respiratory tract, mucous membrane irritation. Can cause CNS effects (evidenced by dizziness, headache, nausea and vomiting). Avoid skin and eye contact. Wash thoroughly after handling. Avoid breathing vapor. Use with adequate ventilation. Keep container closed when not in use.

### Potential health effects:

**Primary routes of exposure:** Skin contact / Skin absorption / Eye contact / Inhalation / Ingestion

### Symptoms of acute overexposure:

**Skin:** Irritation, evidenced by drying and cracking.

**Eyes:** Severe eye irritant.

**Inhalation:** Headache, lethargy, drowsiness, weakness, difficulty walking, personality change, poor appetite, nausea and weight loss.

**Ingestion:** Headache, lethargy, drowsiness, weakness, difficulty walking, personality change, poor appetite, nausea and weight loss.

**Effects of chronic overexposure:** Prolonged exposure to vapor concentrations in excess, or through prolonged absorption through skin may cause damage to blood, kidneys and nervous system.

**Carcinogenicity- OSHA regulated:** No **ACGIH:** No **National Toxicology Program:** No

**International Agency for Research on Cancer:** No

**Cancer- suspect constituent(s):** none

**Medical conditions which may be aggravated by exposure:** None known

**Other effects** See Section 11.

## SECTION 4: FIRST AID MEASURES

### First aid for eyes:

Flush with water for 15 minutes and seek medical assistance.

### First aid for skin:

Wash with soap and water. If irritation persists, see a physician.

### First aid for inhalation:

Remove victim to fresh air. If not breathing, give artificial respiration. Get prompt medical attention.

### First aid for ingestion:

Do not induce vomiting. Seek medical assistance.

## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing media:

X Water X Carbon Dioxide X Dry Chemical Foam X Alcohol Foam

Flash Point (F): -4 Method: TCC

Explosive limits in air (percent) -- Lower: 0.6 Upper: 12.8

Special firefighting procedures: Keep containers in cool storage to prevent pressure build up and bursting. Self-contained breathing apparatus should be worn to protect firefighters from toxic degradation products.

Unusual fire and explosion hazards: Dry nitrocellulose resin is extremely flammable and bursts explosively. Avoid friction impact on dry resin.

### Hazardous products of combustion:

Oxides of carbon, Oxides of nitrogen and other toxic gases.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill control: Avoid personal contact. Eliminate ignition sources. Ventilate area.

Containment: Dike, contain and absorb with clay, sand or other suitable non-combustible material.

Cleanup: For large spills, pump to storage/salvage vessels. Soak up residue with an absorbent such as clay, sand, or other suitable material and dispose of properly (RCRA hazardous waste).

Special procedures: Prevent spill from entering drainage/sewer systems, waterways, and surface waters. Use non-sparking tools.

## SECTION 7: HANDLING AND STORAGE

### Handling precautions:

**EXTREMELY FLAMMABLE!** Do not breathe vapor or mist. Do not get in eyes, on skin or clothing. Wash thoroughly after handling.

Close container after each use. Ground container when pouring. Keep away from heat, flame or sparks. Use non-sparking tools.

Wear appropriate respiratory protection products when welding the cured material. Avoid friction and impact upon the cured material (nitrocellulose).

### Storage:

Keep in a cool place, without exposure to sunlight. Keep container tightly closed and otherwise in accordance with NFPA regulations. Maintain air space in storage containers.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Engineering controls

#### Ventilation:

Mechanical or supplemental local exhaust may be required to keep vapor concentrations below tlv.

#### Other engineering controls:

Keep container tightly closed. Observe label precautions. Have emergency eye wash and safety shower present.

### Personal protective equipment

#### Eye and face protection:

Safety glasses with side shields or face shields.

#### Skin protection:

Chemical resistant gloves and apron are recommended.

#### Respiratory protection:

Use a NIOSH approved cartridge respirator for vapor concentrations above the tlv.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Specific gravity: 0.9 Boiling point (F): 132-405

Melting point (F): n/d Vapor density (air = 1): >1

Vapor pressure (mmHg): 185 at 68 F Evaporation rate (butyl acetate = 1): slower than ether

VOC (grama/liter): 810 Solubility in water: slight

Percent volatile by volume: 80-90 pH (5% solution or slurry in water): n/d

Percent solids by weight: 20-35

## SECTION 10: STABILITY AND REACTIVITY

This material is chemically stable. Hazardous polymerization will not occur.

Conditions to avoid: Heat, flames and other sources of ignition. Avoid allowing unmodified resin to become dry, avoid impact and friction.

Incompatible materials: Strong oxidizers, acids, bases and amines.

Hazardous products of decomposition: Oxides of carbon, Oxides of nitrogen and other unknown organic combustion products.

Conditions under which hazardous polymerization may occur: None

## **SECTION 11: TOXICOLOGICAL INFORMATION**

**Acute oral effects: LD50 (rat):**  
No data available.

**Acute dermal effects: LD50 (rabbit):**  
No data available.

**Acute inhalation effects: LCd0 (rat):**  
No data available.

**Eye irritation:**  
No data available

**Sub chronic effects:**  
No data available

**Carcinogenicity, teratogenicity, and mutagenicity:**  
No data available

**Other chronic effects:**  
No data available.

**Toxicological Information on hazardous chemical constituents of this product:**

**Constituent Oral LD50 (rat) Dermal LD50 (rabbit) Inhalation LC50 4hr, (rat)**  
1-Methoxy-2- Propanol acetate n/d n/d n/d  
Acetone 5800 mg/kg 20 mL/kg 70852 mg/m<sup>3</sup>  
Cellulose Nitrate >5 g/kg n/d n/d  
Isopropanol 5045 mg/kg 12.8 g/kg 22627 ppm  
Camphor n/d n/d n/d

## **SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity:**  
No data available.

**Mobility and persistence:**  
No data available.

**Environmental fate:**  
No data available.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste management recommendations:**  
Do not dispose of in a landfill. Incineration is the preferred method of disposal

## **SECTION 14: TRANSPORT INFORMATION**

**Proper shipping name: Adhesives \***  
**Technical name: N/A**  
**Hazard class: 3**  
**UN number: 1133**  
**Packing group: II**  
**Emergency Response Guide no.: 128**  
**IMDG page number: N/A**

**Other:**

\* Depending upon the size and type of container, this material may be reclassified as "Consumer Commodity"  
Refer to the appropriate regulation.

## **SECTION 15: REGULATORY INFORMATION**

**Constituent Extremely Hazardous / Toxic Chemical**  
Ethyl Acetate  
Acetone  
Cellulose Nitrate  
Toluene  
MIBK  
MEK

## **SECTION 16: OTHER INFORMATION**

### **HAZARD MATERIALS HEALTH FLAMMABILITY REACTIVITY**

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