

## \*SAFETY DATA SHEET\*

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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**PRODUCT NAME:** McKesson Topical Skin Adhesives - LIQUIBAND® flex™, LIQUIBAND® Exceed™, LIQUIBAND® Flow Control, LIQUIBAND®  
**MFR #:** 122-2, 122-LBX, 122-LFC, 122-LQB

**DISTRIBUTED BY:** McKesson Medical-Surgical Inc.  
8741 Landmark Road  
Richmond, VA 23228

*After September 1, 2015:*  
McKesson Medical-Surgical Inc.  
9954 Mayland Drive, Suite 4000  
Richmond, Virginia 23233

**INFORMATION LINE:** 1-800-777-4908  
Monday – Friday 8:00 a.m. – 6:00 p.m. EST

**EMERGENCY PHONE:** 1-800-451-8346 (3E Company) Day or night

**PRODUCT DESCRIPTION:** Topical Skin Adhesive

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### SECTION 2: HAZARDS IDENTIFICATION

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**ROUTES OF ENTRY:**

**POTENTIAL HEALTH EFFECTS:**

**EYES:** Category 2B

**SKIN:** N/A

**INGESTION:** N/A

**INHALATION:** N/A

**ACUTE HEALTH HAZARDS:** N/A

**CHRONIC HEALTH HAZARDS:** N/A

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** N/A

**CARCINOGENICITY**

**OSHA:** N/A

**ACGIH:** N/A

**NTP:** N/A

**IARC:** N/A

**OTHER:** N/A

**SECTION 2 NOTES:** N/A

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### SECTION 3: COMPOSITION/INFORMATION OF INGREDIENTS

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<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>%</u>	<u>Exposure Limits</u>
2-Octyl cyanoacrylate	133978-15-1	0-100	Not determined
n-Butyl cyanoacrylate	6606-65-1	0-100	Not determined

**SECTION 3 NOTES:** n-Butyl cyanoacrylate and 2-Octyl cyanoacrylate as individual compounds or blended together. These compounds compose the majority of the product. Other components in the formulation constitute a trade secret and occur in non-hazardous amounts.

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### SECTION 4: FIRST-AID MEASURES

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**EYES:** If eyelids are bonded, release eyelashes with a pad soaked in warm water. Cyanoacrylate that has bonded to eye protein will produce tears, which will assist in the debonding process. Keep eye covered with a wet pad until debonding is complete, usually within 1 to 3 days – do not force eye open. Seek medical advice if solid particles of cyanoacrylate are trapped behind eyelid – this may cause abrasive damage.

**SKIN:** Do not force separation. Peel or roll skin apart in warm soapy water using a blunt instrument such as a spoon. Pre-soaking in a solution of 5% sodium bicarbonate will assist separation.

**INGESTION:** Do not induce vomiting. Give 1 – 3 glasses of water to drink to dilute stomach contents. Do not give anything by mouth if victim is unconscious or convulsing. Obtain immediate medical attention. Saliva should lift adhesive in 12 to 48 hours. Avoid swallowing adhesive after detachment. Lips may become bonded together, apply copious amounts of warm water and encourage wetting/pressure from saliva inside mouth. Peel or roll lips apart gently. Call a physician.

**INHALATION:** Remove to fresh air. If symptoms persist, call a physician.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** N/A

**SECTION 4 NOTES:** N/A

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## SECTION 5: FIRE-FIGHTING MEASURES

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**FLAMMABLE LIMITS IN AIR, UPPER:** N/A  
**(% BY VOLUME) LOWER:** N/A

**FLASH POINT:** N/A  
**METHOD USED:** N/A

**AUTOIGNITION TEMPERATURE:** N/A

**NFPA HAZARD CLASSIFICATION**

**HEALTH:** N/A      **FLAMMABILITY:** N/A      **REACTIVITY:** N/A      **OTHER:** N/A

**HMIS HAZARD CLASSIFICATION**

**HEALTH:** N/A      **FLAMMABILITY:** N/A      **REACTIVITY:** N/A      **PERSONAL:** N/A

**EXTINGUISHING MEDIA:** Water spray, CO<sub>2</sub>, Foam, Dry Chemical

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear full protective equipment including self-contained breathing apparatus

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Water may spread fire. Product floats on water when cured. Acrid smoke and irritating fumes (oxides of carbon – oxides of nitrogen) occur in fire conditions.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Combustible by-products of carbon monoxide and dioxide

**SECTION 5 NOTES:** N/A

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**ACCIDENTAL RELEASE MEASURES:** Wear appropriate protective clothing. Prevent material from entering drains and watercourses.

**SECTION 6 NOTES:** Use water spray to polymerise and scrape off floor. Solidified material may be scraped from surfaces for disposal.

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## SECTION 7: HANDLING AND STORAGE

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**HANDLING:** Avoid contact with eyes, skin and clothing. Avoid inhaling vapours on application.

**STORAGE:** Avoid moisture, direct UV sunlight and prolonged storage above 25°C (77°F).

**OTHER PRECAUTIONS:** N/A

**SECTION 7 NOTES:** N/A

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**ENGINEERING CONTROLS:**

**VENTILATION:** Local exhaust to prevent eye irritation

**RESPIRATORY PROTECTION:** Normally not necessary. A NIOSH approved organic vapour cannister may be used.

**EYE PROTECTION:** Chemical goggles, safety glasses with side shields.

**SKIN PROTECTION:** Chemical resistant gloves – polyethylene recommended.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Rubber apron.

**WORK HYGIENIC PRACTICES:** N/A

**EXPOSURE GUIDELINES:** N/A

**SECTION 8 NOTES:** N/A

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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**APPEARANCE & ODOR:** Violet or colourless liquid, slightly pungent/sharp odor.

**PHYSICAL STATE:**

**pH AS SUPPLIED:** N/A

**pH (Other):** N/A

**BOILING POINT:** 302°F

**MELTING POINT:** Not determined

**FREEZING POINT:** Not determined

**VAPOR PRESSURE (mmHg):** Not determined

@ N/A

**DENSITY (lb/gal):**

@ N/A

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** N/A

@ N/A

**EVAPORATION RATE:** Not determined

**BASIS (=1):** N/A

**SOLUBILITY IN WATER:** Negligible in water (polymerises)

**PERCENT SOLIDS BY WEIGHT:** N/A

**PERCENT VOLATILE:** N/A

**BY WT/ N/A BY VOL @ N/A**

**VOLATILE ORGANIC COMPOUNDS (VOC):** N/A

**WITH WATER:** N/A **LBS/GAL**

**WITHOUT WATER:** N/A **LBS/GAL**

**MOLECULAR WEIGHT:** N/A

**VISCOSITY:** <100cP

**SECTION 9 NOTES:** N/A

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**SECTION 10: STABILITY AND REACTIVITY**

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**STABLE**

**UNSTABLE**

**STABILITY:** Stable

**CONDITIONS TO AVOID (STABILITY):** Temperatures >38°C (100°F)

**INCOMPATIBILITY (MATERIAL TO AVOID):** Amines, Alcohols, Water, cotton, wool bases

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Combustible by-products of carbon monoxide and dioxide

**HAZARDOUS POLYMERIZATION:** Hazardous polymerisation may not occur

**CONDITIONS TO AVOID (POLYMERIZATION):** N/A

**SECTION 10 NOTES:** N/A

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## SECTION 11: TOXICOLOGICAL INFORMATION

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**TOXICOLOGICAL INFORMATION:** Cyanoacrylate vapours are irritating to eyes and mucous membranes; prolonged and repeated overexposure may result in allergic reactions (rhinitis) with asthma-like symptoms in certain individuals. In the event of fire or heating, cyanoacrylate adhesives increase their volatility and this increases the risk of respiratory irritation and sensitisation. Contact dermatitis may occur after chronic repetitive exposure of the skin to liquid monomer. Weeping, tears and double vision may be experienced until polymerisation has occurred. If cured cyanoacrylate enters the eye, there is a chance of corneal damage due to abrasion. Irritation with pain, corneal abrasions, keratoconjunctivitis and eyelash loss occurs. Pre-existing skin, eye and respiratory disorders may be aggravated by exposure. The vapour is irritating to eyes and mucous membranes. Prolonged and repeated overexposure to vapours may produce allergic reactions with asthma-like symptoms in sensitive individuals

**SECTION 11 NOTES:**

This product is not expected to cause long-term adverse health effects.

This product is not expected to cause reproductive and developmental health effects.

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## SECTION 12: ECOLOGICAL INFORMATION

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**ECOLOGICAL INFORMATION:** N/A

**SECTION 12 NOTES:** N/A

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## SECTION 13: DISPOSAL CONSIDERATIONS

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**WASTE DISPOSAL METHOD:** This product is not a hazardous waste. Flood with water to polymerise. Soak up with an inert absorbent (earth or sand). Dispose of in an approved landfill in accordance with local authority regulations.

**RCRA HAZARD CLASS:** N/A

**SECTION 13 NOTES:** N/A

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## SECTION 14: TRANSPORT INFORMATION

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**U.S. DEPARTMENT OF TRANSPORTATION**

**PROPER SHIPPING NAME:** N/A

**HAZARD CLASS:** N/A

**DOT SHIPPING ID NUMBER:** N/A

**DOT PACKING GROUP:** N/A

**DOT HAZARD CLASS:** N/A

**DOT LABEL STATEMENT:** N/A

**WATER TRANSPORTATION**

**PROPER SHIPPING NAME:** N/A

**HAZARD CLASS:** N/A

**ID NUMBER:** N/A

**PACKING GROUP:** N/A

**LABEL STATEMENTS:** N/A

**AIR TRANSPORTATION**

**PROPER SHIPPING NAME:** N/A

**HAZARD CLASS:** N/A

**ID NUMBER:** N/A  
**PACKING GROUP:** N/A  
**LABEL STATEMENTS:** N/A

**SECTION 14 NOTES:** Not restricted for transportation by air, sea, and road.

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## SECTION 15: REGULATORY INFORMATION

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### U.S. FEDERAL REGULATIONS

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** N/A

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** N/A

**SARA 311/312 HAZARD CATEGORIES:** N/A

**SARA 313 REPORTABLE INGREDIENTS:** Contains NO hazardous ingredients subject to reporting requirements of Section 313 of SARA Title II.

**STATE REGULATIONS:** N/A

**INTERNATIONAL REGULATIONS:** N/A

**SECTION 15 NOTES:** N/A

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## SECTION 16: OTHER INFORMATION

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**OTHER INFORMATION:** N/A

**PREPARATION INFORMATION:** N/A

**DISCLAIMER:** This information relates onto to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. The information and recommendations contained herein are to the best of the manufacturer's knowledge and belief accurate and reliable as of the date indicated. No representation warranty or guarantee, however, is made with regards to accuracy, reliability or completeness. Conditions of use of the material are under the control of the user; therefore, it is the user's responsibility to satisfy itself as to the suitability and completeness of such information for its own particular use. Appropriate warnings and safe-handling procedures should be provided to handlers and users.