



Material Safety Data Sheet

Brush On Electrical Tape

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name:	Liquid Electrical Tape	
Other/generic names:	Liquid Tape / Liquid Electrical Insulation	
Product use:	Electrical insulation of wire connections	
Manufacturer:	GB Electrical Inc. 6101 N. Baker Road Milwaukee, WI 53209 1-800-822-9220	In case of emergency, contact Chemtrec, 800-424-9300 or 703-527-3887 24 hrs, 7 days/week

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: A black liquid with a strong "solvent" odor. Vapors are flammable. Liquid is irritating to eyes and to skin. Vapors can irritate the respiratory tract.

POTENTIAL HEALTH HAZARDS

Skin:	Can irritate and/or dry the skin.
Eyes:	Causes irritation.
Inhalation:	May cause irritation to the throat and lungs and may cause headaches, dizziness and nausea. Drowsiness, loss of consciousness and breathing difficulties may develop with prolonged overexposures.
Ingestion:	Can cause irritation, nausea, vomiting and diarrhea.
Delayed effects:	No delayed effects are anticipated.

Ingredients found on one of the OSHA designated carcinogen lists are listed below.

Ingredient Name	NTP Status	IARC Status	OSHA List
No ingredients listed in this section	---	---	---

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight %
Methyl ethyl ketone	78-93-3	40
Xylene	1330-20-7	14
Acetone	67-64-1	5

Trace impurities and additional material names not listed above may also appear in Section 15 toward the end of the MSDS. These materials may be listed for local "Right-To-Know" compliance and for other reasons.

4. FIRST AID MEASURES

Skin:	Wash thoroughly with soap and water. Removed contaminated clothing and wash them before reuse.
Eyes:	Immediately flush eyes in running water, continuing for up to 15 minutes. Consult a physician.
Inhalation:	Remove individual to fresh air. Get medical assistance for any symptom that persists.
Ingestion:	If swallowed, consult a physician immediately. Do not induce vomiting.
Advice to physician:	Treat symptomatically. Can depress the central nervous system.

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5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

Flash Point & Method	60 °F (16 °C) Closed Cup
Autoignition Temperature:	Not determined
Explosion Limits	Lower: 0.3% Upper: 11.5%
Flame Propagation Rate (solids):	Not applicable
OSHA Flammability Class:	IB
Extinguishing Media:	Use CO2, dry chemical, "alcohol" type foam or water spray. Solid streams of water may spread burning liquid
Unusual Fire And Explosion Hazards:	Containers exposed to flames may rupture and/or explode.
Special Fire Fighting Precautions/Instructions:	Wear self contained breathing apparatus. Avoid contact with skin and eyes. Cool containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

IN CASE OF SPILL OR OTHER RELEASE: Wear proper protective clothing. Eliminate sources of ignition and ventilate area. Pick up spilled liquid with inert absorbent (e.g., clay) and place into containers for proper disposal. Keep containers closed while awaiting disposal.

7. HANDLING AND STORAGE

Normal Handling:	Avoid contact with skin and eyes. Use with proper ventilation.
Storage Recommendations:	Store in a cool, dry place suitable for flammable liquids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Efficient local exhaust ventilation is required.

PERSONAL PROTECTIVE EQUIPMENT

Skin Protection:	Wear rubber or neoprene gloves to avoid skin contact.
Eye Protection:	Chemical goggles or face shield recommended. Safety glasses w/side shields.
Respiratory Protection:	None required for properly ventilated work areas.
Additional Recommendations:	Eye wash and safety shower or source of running water recommended.

EXPOSURE GUIDELINES

Ingredient Name	ACGIH TLV	OSHA PEL	Other *
Xylene	100 ppm TWA 150 ppm STEL	100 ppm TWA	100 ppm TWA 150 ppm STEL
Methyl ethyl ketone	200 ppm TWA 300 ppm STEL	200 ppm TWA	200 ppm TWA 300 ppm STEL

* = NIOSH REL

** = Workplace Environmental Exposure Level (AIHA).

*** = Biological Exposure Index (ACGIH).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Black liquid
Physical State:	Heavy Liquid
Molecular Weight:	Mixture
Chemical Formula:	Mixture
Odor:	Strong solvent odor

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Specific Gravity (water = 1.0):	0.9752
Solubility In Water (wt. %):	No
Melting Point:	Not determined
Flash Point	60 °F (16 °C)

10. STABILITY AND REACTIVITY

Normally Stable? (Conditions To Avoid):	Normally stable.
Incompatibilities:	Oxidizing agents may ignite product
Hazardous Decomposition Products:	CO, CO ₂ , organic oxides
Hazardous Polymerization:	Will not occur under normal conditions.

11. TOXICOLOGICAL INFORMATION

IMMEDIATE (ACUTE) EFFECTS:

Xylene	Inhalation LC50 Rat: 4550 ppm/4H; Oral LD50 Rat: 3392 mg/kg
Methyl ethyl ketone	Inhalation LC50 Mouse: 32 g/m3/4H; Oral LD50 Rat: 2600 mg/kg; Dermal LD50 Rabbit: 6400 mg/kg

DELAYED (SUBCHRONIC AND CHRONIC) EFFECTS:

Xylene	Not anticipated to be a carcinogen.
Methyl ethyl ketone	Not anticipated to be a carcinogen.

OTHER DATA: None listed.

12. ECOLOGICAL INFORMATION

Specific data on mixture not available. Can be harmful if discharged into the environment.

13. DISPOSAL CONSIDERATIONS

RCRA

Is the unused product a RCRA hazardous waste if discarded?	Yes
If yes, the RCRA ID number is:	D001 – Ignitable Waste

OTHER DISPOSAL CONSIDERATIONS: Observe all Federal, State, and Local Environmental regulations.

The information offered here is for the product as shipped. Use and/or alterations to the product such as mixing with other materials may significantly change the characteristics of the material and alter the RCRA classification and the proper disposal method.

14. TRANSPORT INFORMATION

US DOT Proper Shipping Name:	Flammable liquid, n.o.s. (acetone, methyl ethyl ketone, xylene)
US DOT Hazard Class & Packing Group:	3 - Flammable liquid Packing group: II
US DOT ID Number:	UN1993
Additional Information:	When shipped in containers of 1 liter (0.3 gallons) or less suitable for consumer usage, may be shipped as ORM-D Consumer Commodity

For additional information on shipping regulations affecting this material, contact the information number found in Section 1.

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15. REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA)

TSCA Inventory Status:	All ingredients are listed on the TSCA chemical inventory.
Other TSCA Issues:	Xylene subject to Section 4 triggered export notification under 12(b) export rules.

SARA TITLE III/CERCLA

Reportable Quantities (RQs) and/or Threshold Planning Quantities (TPQs) exist for the following ingredients.

Ingredient Name	SARA/CERCLA RQ (lb)	SARA EHS TPQ (lb)
Xylene	100	----
Methyl ethyl ketone	5000	----

Spills or releases resulting in the loss of any ingredient at or above its RQ requires immediate notification to the National Response Center [(800) 424-8802] and to your Local Emergency Planning Committee.

SECTION 311 HAZARD CLASS: Immediate, delayed, fire.

SARA 313 TOXIC CHEMICALS:

The following ingredients are listed as SARA 313 "Toxic Chemicals" and potential subject to annual SARA 313 reporting. Weight percents are found in Section 3.

Ingredient Name	Comment
Xylene	None

STATE RIGHT-TO-KNOW

In addition to the ingredients found in Section 2, the following are listed for state right-to-know purposes.

Ingredient Name	Weight %	Comment
No ingredients listed in this section.		

OTHER REGULATORY INFORMATION:

WHMIS Classification (Canada):	As shipped: B2, D2B. This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.
Foreign Inventory Status:	Not determined.

16. OTHER INFORMATION

Current Issue Date:	February, 2008
Previous Issue Date:	December, 2005
Changes To MSDS From Previous Issue Date Are Due To The Following:	New MSDS.
HMIS (III) Ratings	Health: 2 Flammability: 3 Physical Hazard: 0
NFPA 704 Ratings	Health: 2 Flammability: 3 Instability: 0
MSDS prepared by Gardner Bender technical department.	