



\*Estimate  
 N/A-Not Applicable  
 N/R-Not Restricted  
 N/E-Not Established

# MATERIAL SAFETY DATA SHEET

NOTE: BLANK SPACES ARE NOT PERMITTED. IF ANY ITEM IS NOT APPLICABLE, THE SPACE MUST BE MARKED TO INDICATE THAT.

IDENTITY (As shown on Label or package)	LIQUID TAPE SPRAY	PART NO. IF APPLICABLE	LTS-400, LTS-600ORG, LTS-600BLU
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## SECTION I

MANUFACTURER'S NAME	Gardner Bender	REVISION #	0004
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE)	EMERGENCY PHONE No.		
6100 N. Baker Road Milwaukee, WI 53209	USA only: 1-800-424-9300 INT'L: 703-527-3887		
DATE MSDS WAS PREPARED	8/6/2012	MANUFACTURER'S PHONE	
		No. FOR INFORMATION 1-414-352-4160	

## SECTION II - HAZARDOUS INGREDIENTS INFORMATION. All Health Hazards which comprise 1% or greater of the composition and all carcinogens if 0.1% of the composition or greater.

HAZARDOUS COMPONENTS CHEMICAL and IDENTITY AND COMMON NAME (S)	% Wt. (OPTIONAL)	CAS NO.	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMEND
Propane	25-27	74-98-6	1000 ppm	1000 ppm	None
VM&P Naphtha	23-25	64742-89-8	300 ppm	300 ppm	None
Heptane	13-15	426260-76-6	500 ppm	400 ppm	None
N-Butane	8-10	106-97-8	800 ppm	800 ppm	None
Xylene	5-7	1330-20-7	100 ppm	100 ppm	None
Methyl Ethyl Ketone	2-4	78-93-3	200 ppm	200 ppm	None
Methyl n-Amyl Ketone	2-4	110-43-0	100 ppm	50 ppm	None
Ethylbenzene	1-2	100-41-4	100 ppm	100 ppm	None
Carbon Black (Black Only)	0.1-1	1333-86-4	3.5 mg/m <sup>3</sup>	3.5 mg/m <sup>3</sup>	None

## SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT <1 – 285 °F	SPECIFIC GRAVITY (H2O =1)	APPROXIMATE WEIGHT PER GALLON (LBS)
	0.675	5.57
VAPOR PRESSURE 760 mm Hg @ 20 °C	VAPOR DENSITY (AIR = 1) Heavier than Air	EVAPORATION RATE (BUTYL ACETATE =1) >4.6
SOLUBILITY IN WATER N/A	% VOLATILE 87..2957%	OTHER (IF ANY)
APPEARANCE AND ODOR Various colors, syrupy liquid, with solvent odor		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT	FLAMMABLE LIMITS	LEL	UEL
Propellant < -25 °F		0.9	11.5
EXTINGUISHING MEDIA Carbon Dioxide, Dry Chemical, or Foam			
SPECIAL FIRE FIGHTING PROCEDURES Self contained breathing apparatus with a full face piece, operated in pressure demand or other positive pressure mode.			
UNUSUAL FIRE AND EXPLOSION HAZARDS This material is flammable and may be ignited by heat, sparks, flame or static electricity. Level 3 aerosol (NFPA 30B). Contents under pressure if heated over 120°F aerosol can could explode, even when empty.			
HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION	Carbon Dioxide and/or Carbon Monoxide		
EXPLOSIVE LIMITS (% BY VOLUME IN AIR)	0.9 – 11.5		

## SECTION V - OPTIONAL HAZARD RATINGS IDENTIFICATION

HAZARD RATING	National Fire Protection Association (NFPA)		
4-EXTREME	FIRE	4	REACTIVITY 0
3-HIGH	HEALTH	2	SPECIAL HAZARD None
2-MODERATE			
1-SLIGHT			
0-INSIGNIFICANT			
**SEE SECTION IV			

This is the "front" when printed in duplex. Page 1 of 2 pages if not duplex.

<b>SECTION VI - REACTIVITY AND STABILITY DATA</b>			
STABILITY	Unstable	Stable	X
INCOMPATIBILITY (Materials to Avoid)	Strong acids, bases, oxidizing agents, selected amines with alkali metals and halogens.		
HAZARDOUS DECOMPOSITION OR BY PRODUCTS	Carbon Monoxide and/or Carbon Dioxide		
HAZARDOUS	MAY OCCUR	CONDITIONS TO AVOID	
POLYMERIZATION	WILL NOT OCCUR X	Avoid contact with heat, sparks, and open flame. Product may explode if heated.	
<b>SECTION VII - HEALTH HAZARD DATA</b>			
ROUTES OF ENTRY	INHALATION? YES	SKIN? YES	INGESTION? YES EYES? YES
HEALTH	ACUTE X		
HAZARDS	CHRONIC X		
CARCINOGENICITY:	IARC 2B		
SIGNS AND SYMPTOMS OF EXPOSURE	Headache, Dizziness, Drowsiness, Fatigue, Irregular Heartbeat, Skin and Eye Irritation.		
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE			
EMERGENCY AND FIRST AID PROCEDURES	Contact Physician or Poison Control Immediately. Remove to fresh air. Administer Oxygen or Artificial Respiration if Necessary. Eye Contact: Flush with large amounts of water. If irritation persists, contact Physician. Skin: Wash with soap and water.		
<b>SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE</b>			
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Wipe up with floor absorbent. Transfer to hood. Prevent run-off to sewers. Eliminate all sources of ignition. Ventilate to maintain exposure below PELs.		
WASTE DISPOSAL METHODS	Dispose of product in accordance with local, county, state and federal regulations.		
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE	Keep away from sparks, flames, and heat sources. Do Not store above 120°F Level 3 aerosol (NFPA 30B).		
OTHER PRECAUTIONS	Keep Container Closed When Not In Use. Store this product with adequate ventilation in cool areas. Never place aerosol in flame or fire, Even when Empty.		
SECTION IX - CONTROL MEASURES			
RESPIRATORY PROTECTION (SPECIFY TYPE) Depending on the Airborne concentration, use a Respirator with appropriate NIOSH approved cartridge or supplied air equipment.		PROTECTIVE GLOVES Impervious Gloves	
VENTILATION	LOCAL EXHAUST Supplemental (if needed)	SPECIAL	None
	MECHANICAL (GENERAL) To maintain exposure below PELs	OTHER	None
EYE PROTECTION	Chemical splash goggles, or approved eye protection.	OTHER PROTECTIVE CLOTHING OR EQUIPMENT Chemical Apron/Eye bath/Safety Shower	
WORK HYGIENIC PRACTICES	Wash thoroughly after handling.		
<b>SECTION X - TRANSPORTATION INFORMATION</b>			
DOT PROPER SHIPPING NAME	Aerosols	DOT HAZARD CLASS	2.1
DOT UN NUMBER	UN1950	DOT PACKING GROUP	N/A
IATA PROPER SHIPPING NAME	Aerosols, flammable	IATA HAZARD CLASS	2.1
IATA UN NUMBER	UN1950	IATA PACKING GROUP	N/A
<b>SECTION XI - 313 SUPPLIER NOTIFICATION</b>			
THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT -TO-KNOW ACT OF 1986, 40 CFR 372, (see table on page 1 for CAS # and percent by weight). Xylene and Ethylbenzene			
WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM.			

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Prepared By: Michael N Hindin

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