

MATERIAL SAFETY DATA SHEET

MSDS No.: 5479
Effective Date: 01/24/03
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SECTION 1-CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: LYNN PEAVEY HARD EVIDENCE
ADHESIVE POUCH

FORMULA: MIXTURE

PRODUCT NO.: 5479

LYNN PEAVEY COMPANY
10749 WEST 84TH TERRACE
LENEXA, KANSAS 66214-3612
913-888-0600
800-255-6499
FAX 913-888-1066

IN CASE OF EMERGENCY: CALL CHEMTREC
(800) 424-9300 (USA/North America)
(703) 527-3887 (outside the US – collect calls accepted)

SECTION 2-COMPOSITION, INFORMATION ON INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS No.</u>	<u>PERCENT CONCENTRATION</u>
Cyanoacrylate ester adhesive:		
Ethyl cyanoacrylate	7085-85-0	95-100
Poly (methyl methacrylate)	9011-14-7	3-5
Hydroquinone	123-31-9	0.1-0.5

SECTION 3-HAZARD IDENTIFICATION

ACUTE HEALTH EFFECTS

CAUTION! Short-term exposure may cause irritation to skin, eyes and respiratory tract. Avoid breathing vapors and eye/skin contact.

CHRONIC HEALTH EFFECTS

CARCINOGENIC POTENTIAL: NTP, IARC or OSHA regulates no component in this product as a carcinogen or potential carcinogen.

TARGET-ORGAN EFFECTS: Respiratory, blood, and central nervous systems.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Persons with pre-existing eye, skin, or respiratory disorders may be more susceptible to the effects of this substance.

NFPA RATING:	<u>Health</u>	<u>Flammability</u>	<u>Reactivity</u>
	2-Moderate	1-Minor	1-Minor

HMIS RATING:	<u>Health</u>	<u>Flammability</u>	<u>Reactivity</u>	<u>Personal Protection</u>
	2-Moderate	1-Minor	1-Minor	See Section 8

SECTION 4-FIRST-AID MEASURES

PRIMARY ROUTES OF ENTRY / FIRST AID

INHALATION: Remove victim from exposure area to fresh air. Seek medical attention if necessary.

EYE CONTACT: If eyelids are stuck together or bonded to the eyeball, flush with warm water for at least 15 minutes and cover with a gauze patch. The eye will open without further action within 1-4 days. There should be no residual damage. Do not open eyes by manipulation. The adhesive will bond to eye protein and will disassociate from it over time. Periods of weeping will result. Double vision may be experienced together with a lachrymatory effect. It is important to know that disassociation will normally occur within a matter of hours. Seek medical attention.

SKIN CONTACT: Immerse the bonded surfaces in warm soap water. Peel or roll the surfaces apart with a blunt instrument, such as a spoon. Do not try to pull surfaces apart with a direct opposing action. A large exposure to the skin may cause burns. Seek medical attention.

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INGESTION: Adhesive will solidify and adhere in the mouth. Saliva will lift the adhesive in ½-2 days. If lips are stuck together apply warm water to encourage maximum wetting and saliva pressure inside the mouth. Peel or roll the lips apart. Do not try to pull surfaces apart with a direct opposing action. Seek medical attention.

SECTION 5-FIREFIGHTING MEASURES

FLASH POINT: >200°F (Tag Closed Cup)

EXPLOSIVE LIMITS (LEL / UEL): Not applicable.

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam or water in flooding amounts as fog. Solid streams may not be effective.

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective equipment.

UNUSUAL FIRE AND EXPLOSIVE DATA: Emits toxic fumes under fire conditions.

SECTION 6-ACCIDENTIAL RELEASE MEASURES

Wear protective clothing and equipment as specified in Section 8. Contain spill, scoop up and place in an appropriate, closeable waste container.

SECTION 7-HANDLING AND STORAGE

Store in a clean, dry area away from excessive heat (below 75°F). Keep from freezing. Keep container tightly closed.

SECTION 8-EXPOSURE CONTROLS, PERSONAL PROTECTIVE

EXPOSURE LIMITS	<u>Ethyl cyanoacrylate</u>	<u>Poly (methyl methacrylate)</u>	<u>Hydroquinone</u>
OSHA PEL:	Data not available.	Data not available.	2 mg/M ³
OSHA STEL:	Data not available.	Data not available.	4 mg/M ³
OSHA TABLE Z-2 TWA:	Data not available.	Data not available.	2 mg/M ³
OSHA CEILING:	Data not available.	Data not available.	Data not available.
ACGIH (TLV) TWA:	0.2 ppm	Data not available.	2 mg/M ³
ACGIH STEL:	Data not available.	Data not available.	4 mg/M ³
ACGIH CEILING TWA:	Data not available.	Data not available.	Data not available.
ORAL RAT LD50:	>5,000 mg/kg	Data not available.	Data not available.

EYES: Chemical safety goggles or glasses.

GLOVES: Chemical-resistant gloves. Do not use cotton.

RESPIRATORY: Wear a self-contained breathing apparatus or respirator with approved NIOSH / MSHS cartridges.

VENTILATION: Mechanical exhaust, fume hood or chamber. A positive downdraft exhaust ventilation should be provided to maintain vapor concentration below TLV requirements.

OTHER: Protective clothing as required. Wash hands and face before eating and drinking.

SECTION 9-PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT:	> 300°F
VAPOR PRESSURE (mm Hg @ 68°F):	< 0.2 mmHg @ 75°F
VAPOR DENSITY(air=1):	3.0
WATER SOLUBILITY:	Polymerized
APPEARANCE AND ODOR:	Clear liquid. Sharp, irritating odor.
MELTING POINT:	Data not available.
SPECIFIC GRAVITY:	1.05 @ 75°F
% VOLATILE BY VOLUME:	94.0%, 987g/L (Volatile Organic Compound, EPA Method 24).
EVAPORATION RATE (ether =1):	Data not available.

SECTION 10-STABILITY AND REACTIVITY

STABILITY: Stable.

INCOMPATIBILITY: Polymerized by contact with water, alcohols, amines, and alkalis.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Nature of decomposition products is not known.

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CONDITIONS TO AVOID: Incompatible substances.

SECTION 11-TOXICOLOGICAL INFORMATION

Toxicological data for this product has not been determined. Refer to Section 8 for exposure controls.

SECTION 12-ECOLOGICAL INFORMATION

Environmental impact for this product has not been determined.

SECTION 13-DISPOSAL INFORMATION

Ensure compliance with all local, state, and federal regulations or contact an approved and licensed disposal agency.

SECTION 14-TRANSPORT INFORMATION

US DOT:

Proper Shipping Name: Unrestricted (not more than 450 liters).

Hazard Class or Division: Not applicable.

Identification Number: Not applicable.

ICAO:

Proper Shipping Name: Unrestricted (not more than one pint).

Class or Division: Not applicable.

UN or ID Number: Not applicable.

SECTION 15-REGULATORY INFORMATION

The components in this product are not subject to EPA SARA Title III or TSCA reporting requirements.

SECTION 16-OTHER INFORMATION

This information is believed to be correct, however no warranties are made with respect to this information and the Lynn Peavey Co. assumes no liability resulting from use. Make independent determinations of the suitability and completeness of information from all sources, to assure proper use and disposal of this product and personnel safety and health. Data for each component is specified where applicable, as mixtures have not been tested.