

# MATERIAL SAFETY DATA SHEET

MSDS No.: 5707  
Effective Date: 02/04/03  
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## **SECTION 1-CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: LYNN PEAVEY SILI-CAST CASTING MATERIAL      *LYNN PEAVEY COMPANY*  
FORMULA: MIXTURE      *10749 WEST 84<sup>TH</sup> TERRACE*  
PRODUCT NO.: 05711      *LENEXA, KANSAS 66214-3612*  
      *913-888-0600*  
      *800-255-6499*  
      *FAX 913-495-6787*

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>
Silicone Elastomar:		
Dimethyl siloxane, hydroxy-terminated	70131-67-8	47
Flux calcined diatomaceous earth	68855-54-9	14
Cristobalite	14464-46-1	10
Alumina hydrate	21645-51-2	5
Tetrapropyl orthosilicate	682-01-9	2
Fluid Extender:		
Aliphatic Hydrocarbon	64742-96-7	19
Catalyst:		
Stannous Octoate	301-10-0	3

## **SECTION 3-HAZARD IDENTIFICATION**

### ACUTE HEALTH EFFECTS

CAUTION! May cause irritation to skin, eyes and respiratory tract. Avoid breathing vapor 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 system and skin.

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: Data not available.

HMIS RATING: Data not available.

## **SECTION 4-FIRST-AID MEASURES**

### PRIMARY ROUTES OF ENTRY / FIRST AID

INHALATION: Remove victim from exposure area to fresh air. Give artificial resuscitation if breathing has stopped. Give oxygen if breathing is difficult. Seek medical attention.

EYE/SKIN CONTACT: Flush eyes with water for at least 15 minutes. Remove contaminated clothing. Seek medical attention if irritation or redness develops or persists.

INGESTION: Do not induce vomiting unless directed by a physician. Do not give stimulants. Seek medical attention immediately.

## **SECTION 5-FIREFIGHTING MEASURES**

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	<u>Silicone Elastomar</u>	<u>Aliphatic Hydrocarbon</u>	<u>Stannous Octoate</u>
FLASH POINT:	>214°F (101°C)	165°F	215°F (100°C)
EXPLOSIVE LIMITS (LEL / UEL):	Not determined.	LEL 1% UEL 6%	Data not available.
EXTINGUISHING MEDIA:	Carbon dioxide, dry chemical, or foam.		
SPECIAL FIREFIGHTING PROCEDURES:	Wear self-contained breathing apparatus and protective equipment.		
UNUSUAL FIRE AND EXPLOSIVE DATA:	Emits toxic fumes under fire conditions, including Formaldehyde, a potential cancer hazard and skin and respiratory sensitizer.		

## **SECTION 6-ACCIDENTAL RELEASE MEASURES**

Wear protective clothing and equipment as specified in Section 8. Sweep up and place in an approved hazardous waste container.

## **SECTION 7-HANDLING AND STORAGE**

Store in a clean, dry area away from heat. Keep container tightly closed.

## **SECTION 8-EXPOSURE CONTROLS, PERSONAL PROTECTIVE**

	<u>Silicone Elastomar</u>	<u>Aliphatic Hydrocarbon</u>	<u>Stannous Octoate</u>
EXPOSURE CONTROL			
OSHA PEL:	200 ppm	500 ppm	0.1 mg/M <sup>3</sup>
OSHA STEL:	Data not available.	Data not available.	Data not available.
OSHA TABLE Z-2 TWA:	Data not available.	Data not available.	Data not available.
OSHA CEILING:	5mg/M <sup>3</sup>	Data not available.	Data not available.
ACGIH (TLV) TWA:	200 ppm	Data not available.	0.1 mg/M <sup>3</sup>
ACGIH STEL:	250 ppm	Data not available.	Data not available.
ACGIH CEILING TWA:	Data not available.	Data not available.	Data not available.
ORAL RAT LD50:	Data not available.	Data not available.	Data not available.

EYES: Chemical safety goggles or glasses.

GLOVES: Chemical-resistant gloves.

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

VENTILATION: Mechanical exhaust, fume hood or chamber.

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

## **SECTION 9-PHYSICAL AND CHEMICAL PROPERTIES**

	<u>Silicone Elastomar</u>	<u>Aliphatic Hydrocarbon</u>	<u>Stannous Octoate</u>
BOILING POINT:	Data not available.	350°F	Data not available.
VAPOR PRESSURE (mm Hg @ 68°F):	Data not available.	2	Data not available.
VAPOR DENSITY (air=1):	Data not available.	4.7	Data not available.
WATER SOLUBILITY:	Data not available.	Nil	Data not available.
APPEARANCE AND ODOR:	Off-white liquid, slight odor.	Clear, thin liquid, mild fatty odor.	Light-tan liquid, mild odor.
MELTING POINT:	Data not available.	Data not available.	Data not available.
SPECIFIC GRAVITY:	1.14	0.817	1.25
% VOLATILE BY VOLUME:	Data not available.	70	Data not available.
EVAPORATION RATE (ether=1):	Data not available.	0.07 (BuAc=1)	<1

## **SECTION 10-STABILITY AND REACTIVITY**

STABILITY: Stable under normal conditions of use and storage.

INCOMPATIBILITY: Oxidizing materials.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides, silicone dioxide, metal oxides and formaldehyde.  
CONDITIONS TO AVOID: Oxidizing materials, heat, sparks and flame.

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#### **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: Not regulated.  
Hazard Class or Division: Not applicable.  
Identification Number: Not applicable.

ICAO:

Proper Shipping Name: Not regulated.  
Class or Division: Not applicable.  
UN or ID Number: Not applicable.

#### **SECTION 15-REGULATORY INFORMATION**

The Silicone Elastomer is subject to SARA Title III 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.