

# MATERIAL SAFETY DATA SHEET

THOMAS & BETTS CORPORATION, 8155 T & B BOULEVARD, MEMPHIS, TENNESSEE 38125

T & B CATALOG NUMBERS: 82-08, SL-5, SL5ELA, 2015

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REVISION: 3

PRODUCT DESCRIPTION: SILICONE LUBRICANT

DATE PREPARED: October 3, 2011

DOCUMENT NUMBER: **MSDS-0133**

## SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT NAME: SILICONE LUBRICANT  
GENERAL USE: SEALANT USED IN CABLE JOINTS, TERMINALS, & SPLICES  
PRODUCT DESCRIPTION: SILICONE SEALANT/LUBRICANT COMPOUND  
GENERIC INGREDIENTS: POLYSILOXANE BLEND

24 HR EMERGENCY TELEPHONE NUMBERS: CHEMTREC (703) 527-3887 / 800-424-9300

FOR PRODUCT INFORMATION: THOMAS & BETTS; 901-252-5000 (ext. 8324)

## SECTION 2 HAZARDOUS INGREDIENTS

<u>HAZARDOUS COMPONENTS</u>	<u>CAS #</u>	<u>% BY WT</u>	<u>ACGIH TLV</u>	<u>ACGIH TLV-C</u>	<u>ACGIH STEL</u>	<u>OSHA PEL</u>	<u>OSHA STEL</u>
SILICONE AMORPHOUS	112945-52-5	5 - 15	10 m/mg <sup>3</sup>	N/A	N/A	10 m/mg <sup>3</sup>	N/A

## SECTION 3 HEALTH INFORMATION & PROTECTION

### CARCINOGENICITY

NTP: NOT LISTED  
IARC MONOGRAPHS: NOT EVALUATED  
OSHA REGULATED: NOT REGULATED

### ROUTES OF ENTRY

EYES: NO  
INGESTION: NO  
INHALATION: NO  
SKIN: NO

EMERGENCY OVERVIEW NONE

### HEALTH HAZARDS

ACUTE: NONE

CHRONIC: NONE

### SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: IRRITATION  
INGESTION: N/A  
INHALATION: N/A  
SKIN: IRRITATION

### POTENTIAL HEALTH EFFECTS

EYE CONTACT: MAY CAUSE IRRITATION  
INGESTION: NOT ANTICIPATED DURING INDUSTRIAL USE  
INHALATION: NOT ANTICIPATED DURING INDUSTRIAL USE  
SKIN CONTACT: MAY CAUSE IRRITATION

IRRITANCY OF MATERIAL NONE

### FIRST AID MEASURES

EYE CONTACT: CONTACT WITH EYES MAY CAUSE TEMPORARY IRRITATION. FLUSH EYES WITH COPIUS AMOUNTS OF WATER FOR A MINIMUM OF 15 MINUTES. IF CHRONIC IRRITATION DEVELOPS, SEEK MEDICAL ATTENTION.  
INGESTION: IF INGESTED, DO NOT INDUCE VOMITING. SLOWLY DILUTE WITH 1 - 2 GLASSES OF WATER OR MILK AND SEEK MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.  
INHALATION: N/A

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**SKIN CONTACT:** CONTACT WITH SKIN IS NOT EXPECTED TO CAUSE IRRITATION. WASH CONTACTED AREAS WITH SOAP AND WATER.

**MEDICAL CONDITION**  
**GENERALLY AGGRAVATED**  
**BY EXPOSURE** NONE

**WORKPLACE EXPOSURE**  
**CONTROLS** NONE

**ENGINEERING / VENTILATION**  
**CONTROLS** NONE

## **PERSONAL PROTECTION**

**EYE PROTECTION:** SAFETY GLASSES  
**HAND PROTECTION:** CLOTH/RUBBER GLOVES  
**RESPIRATORY PROTECTION:** NONE  
**SKIN PROTECTION:** NONE  
**VENTILATION:** NONE  
**WORK / HYGIENIC:** USE GOOD PERSONAL HYGIENE

## SECTION 4 FIRE & EXPLOSION HAZARDS

**EXPLOSION DATA:** N/A  
**EXPLOSIVE PROPERTY:** LEL: N/E UEL: N/E  
**EXTINGUISHING MEDIA:** WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM  
**GENERAL FIRE HAZARDS:** N/A  
**FIRE FIGHTING:** FIREFIGHTERS SHOULD WEAR FULL FACE, SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST TOXIC FUMES.  
**HAZARDOUS COMBUSTION PRODUCTS:** CARBON MONOXIDE, CARBON DIOXIDE, SILICONE DIOXIDE, AND FORMALDEHYDE  
**ADDITIONAL INFORMATION:** THIS PRODUCT CONTAINS METHYLPOLYSILOXANES WHICH CAN GENERATE FORMALDEHYDE AT APPROXIMATELY 300° F AND ABOVE, IN ATMOSPHERES WHICH CONTAIN OXYGEN. FORMALDEHYDE IS A SKIN AND RESPIRATORY SENSITIZER, EYE AND THROAT IRRITANT, ACUTE TOXICANT, AND POTENTIAL CANCER HAZARD.

## SECTION 5 SPILL CONTROL MEASURES

**CONTAINMENT PROCEDURES:** SCRAPE UP AND CONTAIN FOR SALVAGE OR DISPOSAL.  
**CLEAN-UP PROCEDURES:** WASH ALL WALKING SURFACES WITH DETERGENT AND WATER TO REDUCE SLIPPING HAZARD.  
**EVACUATION PROCEDURES:** NONE  
**SPECIAL PROCEDURES:** NONE  
**DISPOSAL:** DISPOSAL OF COLLECTED PRODUCTS, RESIDUES AND CLEANUP MATERIAL MAY BE GOVERNMENTALLY REGULATED. OBSERVE ALL APPLICABLE LOCAL, STATE AND FEDERAL WASTE MANAGEMENT REGULATIONS.

## SECTION 6 HANDLING & STORAGE

**HANDLING PROCEDURES:** AVOID CONTACT WITH SKIN AND EYES.  
**STORAGE PROCEDURES:** KEEP CONTAINER CLOSED WHEN NOT IN USE.  
**LABELING:** N/A

## SECTION 7 TYPICAL PHYSICAL & CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	PASTE	<b>AUTO-IGNITION TEMPERATURE:</b>	N/A
<b>BOILING POINT:</b>	N/A	<b>COLOR:</b>	N/A
<b>FLAMMABILITY:</b>	N/A	<b>FLASH POINT:</b>	> 400° F (200° C)
<b>FREEZING POINT:</b>	N/A	<b>COC METHOD</b>	
		<b>EVAPORATION RATE:</b>	N/A

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MELTING POINT:	N/A	ODOR:	ODORLESS
OXIDIZING PROPERTIES:	N/A	PERCENT,	
PERCENT,		VOLATILE BY VOLUME:	< 1.0
SOLIDS BY WEIGHT:	N/A	PH:	N/A
SOLUBILITY IN WATER		SOFTENING POINT	
68° F (20° C):	INSOLUBLE	(BASE METAL):	N/A
PHYSICAL STATE:	N/A	SOLUBILITY IN	
VAPOR DENSITY (AIR = 1):	N/A	ORGANIC SOLVENT:	MINERAL SPIRITS
VISCOSITY:	N/A	SPECIFIC GRAVITY (H <sub>2</sub> O = 1):	1.02
		VAPOR PRESSURE (mm Hg):	N/A
		VOC CONTENT (lbs / gal):	N/A

## SECTION 8 REACTIVITY DATA

CHEMICAL STABILITY: STABLE  
CONDITIONS TO AVOID: NONE KNOWN  
INCOMPATIBLE MATERIALS: NONE KNOWN  
HAZARDOUS  
POLYMERIZATION: WILL NOT OCCUR

## SECTION 9 REGULATORY INFORMATION

### DEPARTMENT OF TRANSPORTATION (DOT)

PROPER SHIPPING NAME: NOT REGULATED

### U.S. FEDERAL REGULATIONS

TSCA: ALL COMPONENTS OF THE PRODUCT ARE INCLUDED IN THE EPA TOXIC SUBSTANCES CONTROL ACT (TSCA) CHEMICAL SUBSTANCES INVENTORY.  
CERCLA: THE PRODUCT IS NOT CLASSIFIED AS A HAZARDOUS SUBSTANCE UNDER REGULATIONS OF THE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (CERCLA), 40 CFR §302.  
RCRA HAZARD CLASS: THE PRODUCT IS NOT CLASSIFIED AS A HAZARDOUS WASTE UNDER THE RESOURCE CONSERVATION AND RECOVERY ACT, OR ITS REGULATIONS, 40 CFR §261 *et seq.*  
CLEAN AIR ACT: THE PRODUCT IS NOT A PROCESSED WITH OR DOES NOT CONTAIN ANY CLASS I OR CLASS II OZONE DEPLETING SUBSTANCES.

### SARA TITLE III INFORMATION

SECTION 302: REQUIRES EMERGENCY PLANNING BASED ON *THRESHOLD PLANNING QUANTITIES* (TPQs), AND RELEASE REPORTING BASED ON *REPORTABLE QUANTITIES* (RQs) OF *EXTREME HAZARDOUS SUBSTANCES* (EHS) LISTED IN APPENDIX A CFR 355. THERE ARE NO COMPONENTS OF THIS MATERIAL WITH KNOWN CAS NUMBERS, WHICH ARE ON THE EHS LIST.  
SECTION 311 / 312: THE FOLLOWING COMPONENTS OF THIS PRODUCT IS SUBJECT TO THIS REQUIREMENT: *NONE*  
SECTION 313: THIS PRODUCT CONTAINS CHEMICAL COMPONENTS SUBJECT TO SECTION 313 REPORTING: *NONE*

### STATE REGULATIONS / RIGHT-TO-KNOW

CALIFORNIA PROPOSITION 65  
INFORMATION: THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCE(S) KNOWN TO BE ON THE CA PROP. 65 LIST:  
*NONE*

### INTERNATIONAL

WHMIS (CANADA): THIS PRODUCT CONTAINS THE FOLLOWING THE CHEMICAL(S) LISTED AS CONTROLLED SUBSTANCES:  
*NONE*  
LABELS: CANADIAN LABEL CLASSIFICATION REQUIRED ON CONTAINER(S): *NONE*

## SECTION 10 NOTES

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TOXICOLOGICAL INFORMATION UNKNOWN

ECOLOGICAL INFORMATION NO DATA AVAILABLE

HAZARD RATING SYSTEM

	HMIS	NFPA	KEY
HEALTH	1	1	4 = SEVERE
FLAMMABILITY	0	0	3 = SERIOUS
REACTIVITY	0	0	2 = MODERATE
			1 = SLIGHT
			0 = MINIMAL

REVISION SUMMARY 3

SUPERCEDES ISSUE DATE August 25, 2008

## SECTION 11 OTHER INFORMATION

ABBREVIATIONS

N/E = NOT ESTABLISHED  
N/A = NOT AVAILABLE

T&B CATALOG NUMBER(s)

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