

**MATERIAL SAFETY DATA SHEET**

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**BOSS® 615**

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**SECTION 1 - IDENTITY INFORMATION**

PRODUCT NAME: BOSS® SILICONE LUBRICANT – BOSS® 615  
PRODUCT CLASS: SILICONE LUBRICANT

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**SECTION 11 - HAZARDOUS INGREDIENTS**

INGREDIENT: HYDROTREATED HEAVY NAPHTHA  
CAS #: 64742-48-9  
WT. %: 15%  
ACGIH OSHA: 400 PPM  
KNOWN OR  
SUSPECTED CARCINOGEN: NO  
SEC 313: NO  
VAPOR PRESSURE  
MMGH20C: 30.0

INGREDIENT: LIQUIFIED PETROLEUM GAS  
CAS #: 68476-85-7  
WT. %: 20%  
ACGIH OSHA: 1000 PPM  
KNOWN OR SUSPECTED  
CARCINOGEN: NO  
SEC 313: NO  
VAPOR PRESSURE  
MMGH20C: 55.0

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**SECTION 11.1. PHYSICAL DATA**

BOILING POINT: 240-283 F  
ODOR: ALIPHATIC ODOR  
APPEARANCE: AEROSOL  
VOLATILE BY WEIGHT: 97.0%  
VOLATILE BY VOLUME: 97.5%

VAPOR DENSITY: IS HEAVIER THAN AIR  
EVAPORATION RATE: IS SLOWER THAN AIR  
SOLUBILITY: PARTIALLY  
PRODUCT DENSITY: 6.8 LBS./GAL. (U.S.)

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#### **SECTION IV. FIRE AND EXPLOSION DATA**

FLAMMABILITY CLASSIFICATION:

OSHA - FLAMMABLE LIQUID - CLASS IB  
DOT - CONSUMER COMMODITY ORM-D

FLASH POINT: -50 T (TAGLIABUE CLOSED CUP)  
LEL: 0.9%  
UEL: 9.5%

EXTINGUISHING MEDIA: FOAM, DRY CHEMICAL, CARBON DIOXIDE, WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS: MATERIAL IS HIGHLY VOLATILE AND READILY GIVES OFF VAPORS WHICH MAY TRAVEL ALONG THE GROUND OR MOVE BY VENTILATION AND IGNITED. POSSIBLE IGNITION SOURCES SUCH AS: PILOT LIGHTS, OTHER FLAMES, SPARKS, HEATERS, SMOKING, ELECTRIC MOTORS, STATIC DISCHARGE OR OTHER IGNITION SOURCES AT LOCATIONS DISTANT FROM MATERIAL HANDLING POINT.

SPECIAL FIREFIGHTING PROCEDURES: WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP AND POSSIBLE AUTOIGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT. WEAR A FULL FACE POSITIVE PRESSURE SELF CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRES.

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#### **SECTION V. HEALTH HAZARD DATA**

EFFECTS OF OVER EXPOSURE:

INHALATION: SHORTNESS OF BREATH, DIZZINESS, AND  
LIGHTHEADEDNESS.

EYE: CAN CAUSE EYE IRRITATION.

SKIN IRRITATION: CAN CAUSE DERMATITIS.

INGESTION: MAY CAUSE CHEMICAL PNEUMONIA IF  
ASPIRATED INTO LUNG.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:  
NONE RECOGNIZED.

PRIMARY ROUTE(S) OF ENTRY: DERMAL, INHALATION

EMERGENCY AND FIRST AID PROCEDURES: CALL PHYSICIAN IMMEDIATELY!!!:  
IF IN EYES: FLUSH WITH LARGE AMOUNTS OF WATER LIFTING UPPER AND  
LOWER LIDS OCCASIONALLY, GET MEDICAL ATTENTION. IF SWALLOWED: DO  
NOT INDUCE VOMITING. IMMEDIATELY DRINK TWO GLASSES OF WATER.  
NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL  
PHYSICIAN IMMEDIATELY. IF BREATHED: IF AFFECTED, REMOVE INDIVIDUAL  
TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF BREATHING HAS  
STOPPED, GIVE ARTIFICIAL RESPIRATION. KEEP PERSON WARM, QUIET, GET  
MEDICAL ATTENTION. IF ON SKIN: THOROUGHLY WASH EXPOSED AREA WITH  
SOAP AND WATER, REMOVE CONTAMINATED CLOTHING. LAUNDRER  
CONTAMINATED CLOTHING BEFORE RE-USE.

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## SECTION VI. REACTIVITY DATA

STABILITY: THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS.

INCOMPATIBILITY:

AVOID CONTACT WITH STRONG OXIDIZING AGENTS, STRONG ALKALIES,  
AND STRONG MINERAL ACIDS.

HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR UNDER NORMAL CONDITIONS.

HAZARDOUS DECOMPOSITION PRODUCTS:

BURNING CAN PRODUCE CARBON MONOXIDE AND/OR CARBON DIOXIDE  
AND TRACE PHOSGENE GAS.

CONDITIONS TO AVOID:

OPEN FLAMES OR ELECTRICAL ARCS.

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## SECTION VII. OTHER REGULATORY INFORMATION

OTHER REGULATORY INFORMATION:

DISCLAIMER: THE FOREGOING INFORMATION HAS BEEN COMPILED FROM  
SOURCES BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE.  
RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT DATA IS  
CORRECT. STANDARDS CHANGE WITHOUT NOTICE. IT IS THE RESPONSIBILITY  
OF THE RECIPIENT TO ASSURE THAT THEIR PERSONNEL HAVE BEEN NOTIFIED OF  
ANY CHANGES WHICH MAY AFFECT THEM. THE DATA PROVIDED ON THIS MSDS  
ARE NOT MEANT TO BE USED AS SPECIFICATIONS, ONLY AS GUIDELINE  
INFORMATION AS TO THE SAFE USE OF THE PRODUCT. USER SHOULD REFER TO  
APPLICABLE LAWS BEFORE USE. THIS MSDS COMPLIES WITH GUIDELINES SET  
BY 29 CFR 1910.1200.

PROPOSITION 65 STATEMENT:

THE INFORMATION CONTAINED HEREIN IS, TO THE BEST OF OUR KNOWLEDGE AND BELIEF, ACCURATE, HOWEVER, SINCE THE CONDITIONS OF HANDLING AND USE ARE BEYOND OUR CONTROL, WE MAKE NO GUARANTEE OF RESULTS, AND ASSUME NO LIABILITY FOR DAMAGES INCURRED BY USE OF THIS MATERIAL. IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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