

Bostik

M A T E R I A L S A F E T Y D A T A S H E E T

DATE PREPARED: 10-03-1995

SUPERCEDES DOCUMENT PREPARED: 09-29-1995

SECTION I IDENTIFICATION DATA

209402 0003050
PROJECT: BEARING LUB AERO 2 OZ DISPLAY MSDS NO: 209402
CHEMICAL FAMILY: SOLVENT BASED MIXTURE

SECTION II HAZARDOUS INGREDIENTS

		% BY WEIGHT	TLV UNITS*
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY		67.2%	
	CAS NUMBER	64742-48-9	
PROPANE		12.3%	1000 PPM
	CAS NUMBER	74-98-6	
BUTANE		7.5%	800 PPM
	CAS NUMBER	106-97-8	
BUTANE		5.3%	
	CAS NUMBER	75-28-5	

TLV FOR VAPORS IS 926.581 PPM

* NUMBERS SHOWN REPRESENT THE LOWER OF THE U.S. OSHA PEL OR ACGIH TLV VALUES
COMMON OR TRADE NAMES ARE SHOWN ON THE LINE UNDER THE CHEMICAL NAME.

SECTION III PHYSICAL DATA

VAPOR PRESSURE IN PSIG 19
BOILING POINT IN DEGS = -44 TO 221
VAPOR DENSITY (AIR=1) 3.33
SOLUBILITY IN WATER 1.2 %
EVAPORATION RATE NOT AVAILABLE
SPECIFIC GRAVITY 0.67
5.58 POUNDS PER GALLON
PERCENT VOLATILE BY WEIGHT 97.2
VOLUME 99.0
APPEARANCE AND ODOR A THIN MILKY SOLUTION WITH A PUNGENT ODOR.

BOSTIK INC., 211 BOSTON STREET, MIDDLETON, MA 01949-2128 USA
TEL. 508-777-0100 FAX 508-750-7212



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SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT -104 DEGREES F CLOSED CUP
LOWER EXPLOSIVE LIMIT 1.53 % (CALCULATED)
UPPER EXPLOSIVE LIMIT 10.88 % (CALCULATED)
AUTOIGNITION POINT (VAPORS) 766 DEGREES F (CALCULATED)
AUTOIGNITION POINT (SOLIDS) NOT AVAILABLE
SPECIAL FIREFIGHTING PROCEDURES AND
UNUSUAL FIRE AND EXPLOSION HAZARDS USE SELF-CONTAINED BREATHING APPARATUS,
PROTECTIVE CLOTHING.
EXTINGUISHING MEDIA WATER SPRAY, FOAM, DRY CHEMICAL, CARBON DIOXIDE.

SECTION V HEALTH HAZARD DATA

THE INFORMATION SHOWN BELOW REFERS GENERALLY TO A COMPONENT OF THE PRODUCT BUT AS REQUIRED BY OSHA 1910.1200 THE HAZARDS OF ANY INGREDIENT MUST BE EXTENDED TO THE PRODUCT AS A WHOLE UNLESS TESTING OF THE PRODUCT HAS BEEN PERFORMED. THE U.S. AMERICAN NATIONAL STANDARD (ANSI) Z129.1-1982 WAS USED AS A GUIDE WHEN THIS MSDS WAS WRITTEN.

INGESTION NO HAZARD KNOWN AT THIS TIME.
ABSORPTION NO HAZARD KNOWN AT THIS TIME.
INHALATION NO HAZARD KNOWN AT THIS TIME.
CONTACT INGREDIENT CAUSES EYE AND/OR SKIN IRRITATION.
CORROSION NO HAZARD KNOWN AT THIS TIME.
FLAMMABILITY EXTREMELY FLAMMABLE, FLASH POINT <20 DEGREES F.

FIRST AID:
CONTACT IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN.
IN CASE OF FIRE USE EXTINGUISHING AGENTS RECOMMENDED.

SYMPTOMS OF OVEREXPOSURE IRRITATION, DIZZINESS, GIDDINESS, LIGHTHEADEDNESS, BREATHING DIFFICULTIES.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE ASTHMA, RESPIRATORY DISEASE.
ENTRY ROUTE CONTACT.
CHRONIC EFFECTS LONG TERM OVEREXPOSURE TO THE HAZARDOUS MATERIALS IN THIS PRODUCT HAVE BEEN ASSOCIATED WITH DERMATITIS, DRY, BRITTLE



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SECTION VIII SPECIAL PROTECTION INFORMATION

VENTILATION LOCAL EXHAUST IS PREFERRED TO KEEP VAPORS/PARTICULATES BELOW THE TLV VALUE. MECHANICAL AREAWIDE VENTILATION IS ACCEPTABLE.
PROTECTIVE GLOVES NEOPRENE RUBBER, NITRILE, IMPERVIUOUS PLASTIC.
EYE PROTECTION SAFETY GLASSES ARE RECOMMENDED.
OTHER PROTECTION SAFETY SHOWER AND EYE BATH.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS FOR HANDLING AND STORING
STORE IN A COOL LOCATION (60-80 DEGREES F) AWAY FROM SUNLIGHT AND ANY SOURCE OF HEAT, SPARKS OR FLAME. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT BEING USED.

OTHER PRECAUTIONS
USE WITH ADEQUATE VENTILATION, AVOID PROLONGED OR REPEATED BREATHING OF VAPORS. AVOID SKIN CONTACT. USE IN AN AREA FREE FROM FLAME AND SPARKS.

IMPORTANT NOTICE SECTION

REGULATORY DATA
CALIFORNIA PROPOSITION 65

IMPORTANT NOTICE: ALL STATEMENTS, TECHNICAL INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BASED ON INFORMATION OR TESTS WHICH BOSTIK BELIEVES TO BE RELIABLE. HOWEVER, BOSTIK CANNOT GUARANTEE THEIR ACCURACY OR COMPLETENESS. THE BUYER SHOULD CONDUCT HIS OWN TESTS OF THIS PRODUCT BEFORE USE TO DETERMINE PROPER PREPARATION TECHNIQUE AND SUITABILITY FOR THE PROPOSED APPLICATION. BOSTIK'S SALE OF THIS PRODUCT IS LIMITED TO THE TERMS AND CONDITIONS SET FORTH ON BOSTIK'S ORDER ACKNOWLEDGEMENT.

TO SUMMARIZE, BOSTIK'S ONLY WARRANTY IS THAT THE PRODUCT CONFORMS WITH ITS WRITTEN SPECIFICATIONS, AND IS FREE FROM DEFECTS UNDER NORMAL USAGE; AND BOSTIK'S ONLY OBLIGATION FOR NON-COMPLIANCE WITH THIS WARRANTY IS TO REPLACE THE PRODUCT OR REFUND THE BUYER'S PURCHASE PRICE. BOSTIK DISCLAIMS THE WARRANTIES OF MERCHANTABILITY



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IMPORTANT NOTICE SECTION (CONT.)

AND FITNESS FOR A PARTICULAR PURPOSE. IN NO CASE WILL BOSTIK BE LIABLE FOR DIRECT, CONSEQUENTIAL, ECONOMIC OR OTHER DAMAGES, EXCEPT FOR THE REPLACEMENT OR REFUND AS SET FORTH ABOVE.

ADDITIONAL NOTICE: THIS MSDS MEETS THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) AND 40 CFR 372. IF ANY TOXIC CHEMICAL (SUBPART D OF PART 372, SECTION 372.65) IS PRESENT IN THIS PRODUCT IN EXCESS OF THE DEMINIMUS CONCENTRATIONS LISTED IN SUBPART B OF PART 372, SECTION 372.38, ITS IDENTITY, CAS REGISTRY NUMBER AND CONCENTRATION BY WEIGHT WILL BE FOUND IN SECTION II OF THIS MSDS UNDER HAZARDOUS INGREDIENTS.

IN CASE OF EMERGENCY, CALL 1-800-227-0332.

PREPARED BY: R.G. SONTAG 10-03-1995
SUPERCEDES MSDS PREPARED: 09-29-1995

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