

NRP**MATERIAL SAFETY DATA SHEET****PRODUCT IDENTIFICATION**

PRODUCT: **NRP FOOD GRADE SILICONE** HMIS CODES: H F R P
 PRODUCT CODE: **N4840** 1 3 0 -
 CHEMICAL NAME: **SILICONE LUBRICANT**
 CHEMICAL FAMILY: **ORGANOSILICONE DIMETHYLPOLYSILOXANE**

MANUFACTURER: ComStar Intl. Inc.**ADDRESS:** 20-45 • COLLEGE POINT, NY 11356**INFORMATION:** 718-445-7900**EMERGENCY:** CHEMTREC - 800-424-9300

DATE: 5/2003

PREPARER: R. Madariaga

DISTRIBUTOR: NATIONAL REFRIGERATION PRODUCTS**2900 SAMUEL DRIVE · BENSALEM, PA 19020-7306****1-800-352-6951****COMPOSITION, INFORMATION ON INGREDIENTS**

HAZARDOUS COMPONENTS	CAS#	OSHA PEL (TWA)	ACGIH TLV (TWA)	OTHER LIMITS RECOMMENDED	PERCENT BY WT.
HEPTANE	142-82-5	400PPM	400PPM	500PPM (STEL)	
LIQUEFIED PETROLEUM GAS	68476-85-7	1000PPM	1000PPM	NA	

HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: CLEAR COLORLESS LIQUID WITH PETROLEUM ODOR. CONTENTS UNDER PRESSURE. PROLONGED EXPOSURE TO SUNLIGHT OR HEAT MAY CAUSE BURSTING OF CAN. EXTREMELY FAMMABLE. DO NOT USE NEAR OPEN FLAMES, HEATED SURFACES OR OTHER SOURCES OF IGNITION. REPEATED OVEREXPOSURE CAN CAUSE IRRITATION.

POTENTIAL HEALTH EFFECTS:**EYE:** CAN CAUSE IRRITATION**SKIN:** PROLONGED OR REPEATED CONTACT CAN CAUSE MODERATE IRRITATION AND DERMATITIS**INHALATION:** OVEREXPOSURE CAN IRRITATE RESPIRATORY TRACT AND CAUSE DIZZINESS, FATIGUE, HEADACHE, NAUSEA**CARCINOGENICITY:** IARC—NO NTP---NO OSHA---NO**CHRONIC HEALTH EFFECTS:** PROLONGED OVEREXPOSURE MAY CONTRIBUTE TO MILD, REVERSIBLE LIVER EFFECTS

FIRE FIGHTING MEASURES

FLASH POINT: N/A

EXTINGUISHING MEDIA: FOAM, DRY CHEMICAL, CO₂.

FIRE & EXPLOSION HAZARDS: AEROSOL CANS ARE UNDER PRESSURE-EXPOSURE TO TEMPERATURES ABOVE 120 DEG.F CAN CAUSE BURSTING OR "ROCKETING" OF CANS. FIREFIGHTERS SHOULD USE SELF-CONTAINED RESPIRATORY PROTECTION IN BUILDINGS OR CONFINED SPACES.

HAZARDOUS COMBUSTION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE

FLAMMABILITY CLASSIFICATION: (NFPA) LEVEL 3 AEROSOL

STABILITY & REACTIVITY

STABILITY: STABLE, AVOID OPEN FLAMES AND HIGH TEMPERATURES

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: MOVE TO FRESH AIR. GIVE OXYGEN TO EXPOSED PERSON IF NECESSARY.

EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES.

SKIN: WASH AFFECTED AREA WITH SOAP AND WATER.

INGESTION: DO NOT INDUCE VOMITING. CONTACT A PHYSICIAN, HOSPITAL OR POISON CONTROL CENTER.

NOTE TO PHYSICIAN: ASPIRATION OF MATERIAL INTO THE LUNGS DUE TO VOMITING CAN CAUSE CHEMICAL PNEUMONITIS.

ACCIDENTAL RELEASE MEASURES

IN CASE OF SPILL OR ACCIDENTAL RELEASE: USE ABSORBENT MATERIAL TO SOAK UP LIQUID. PLACE USED ABSORBENT INTO CLOSED DOT-APPROVED CONTAINERS FOR DISPOSAL.

HANDLING AND STORAGE

PRECAUTION FOR HANDLING AND STORAGE: SHAKE WELL BEFORE USING. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES. PROLONGED EXPOSURE TO DIRECT SUNSHINE OR STORAGE ABOVE 120 DEG. F MAY CAUSE CAN TO BURST. DO NOT PUNCTURE OR INCINERATE CAN.

EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION: NOT REQUIRED WHEN USED AS DIRECTED.

VENTILATION: GENERAL VENTILATION SHOULD BE PROVIDED.

PROTECTIVE GLOVES: PVA OR NEOPRENE GLOVES MAY BE USED.
EYE PROTECTION: SAFETY GLASSES OR GOGGLES ARE RECOMMENDED.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NOT REQUIRED WHEN USED AS DIRECTED.
WORK & HYGIENIC PRACTICES: WASH HANDS THOROUGHLY AFTER USE.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR: CLEAR COLORLESS LIQUID WITH SWEET PETROLEUM ODOR.
BOILING POINT: (F) 200
VAPOR PRESSURE @ 70 DEG.: 70PSI
VAPOR DENSITY (AIR=1): >1
SOLUBILITY IN WATER: PARTIAL
% VOC CONTENT: 97
SPECIFIC GRAVITY (H2O=1): 0.7
MELTING POINT (F): NA
EVAPORATION RATE (BUTYL ACETATE=1): >1
PH: NEUTRAL

TOXICOLOGICAL INFORMATION

INHALATION: LC50 (RAT) 15,900 PPM
EYE IRRITATION: MODERATE
SKIN IRRITATION: MILD

ECOLOGICAL INFORMATION

NO DATA AVAILABLE

DISPOSAL CONSIDERATIONS

ALWAYS USE PRODUCT ACCORDING TO LABEL DIRECTIONS BEFORE DISPOSAL.
OFFER EMPTY CONTAINERS FOR RECYCLING WHERE FACILITIES EXIST. IF RECYCLING IS NOT AVAILABLE,
WRAP EMPTY CONTAINER IN NEWSPAPER AND DISCARD IN TRASH. DO NOT PUNCTURE OR INCINERATE
CONTAINER.

TRANSPORT INFORMATION

DOT / UN SHIPPING DESCRIPTION: DOMESTIC—CONSUMER COMMODITY
INTERNATIONAL—AEROSOLS, FLAMMABLE, N.O.S, 2.1, UN1950
DOT / UN HAZARD LABEL: DOMESTIC—ORM-D
INTERNATIONAL—FLAMMABLE GAS

REGULATORY INFORMATION

OSHA: THIS PRODUCT IS CONSIDERED HAZARDOUS BASED ON THE CRITERIA LISTED IN THE FEDERAL OSHA
HAZARD COMMUNICATION STANDARD, 29CFR 1910.1200.
TSCA: ALLCHEMICAL COMPONENTS ARE LISTED IN THE TSCA INVENTORY.

NJ RIGHT TO KNOW: IN ADDITION TO THE HAZARDOUS COMPONENTS LISTED IN SECTION 2, THIS PRODUCT CONTAINS THE FOLLOWING COMPONENTS IN A QUANTITY SUFFICIENT TO REQUIRE IDENTIFICATION
POLYDIMETHYLSILOXANE (CAS#63148-62-9)

DISCLAIMER

INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BELIEVED TO BE ACCURATE AT THE TIME OF PREPARATION. NO WARRANTY IS MADE CONCERNING THE ACCURACY AND NO LIABILITY SHALL BE MADE FOR CLAIMS FOR USE OR RELIANCE OF THE RECOMMENDATIONS CONTAINED HEREIN.