

# MATERIAL SAFETY DATA SHEET



SHAT R PROOF Corp.  
10425 Hampshire Avenue South  
Bloomington, MN 55438  
Emergency phone # (952) 944-8000

## SECTION 1 - PRODUCT IDENTIFICATION AND USE

<b>PRODUCT NAME(S):</b> WATER BASED LUBRICANT (P/N 1720)	<b>SHAT-R-PROOF I.D. NUMBER:</b> 1711
<b>CHEMICAL NAME:</b> NA	<b>PRODUCT USE:</b> Lubrication of Rubber Seals

## SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENT	% BY WEIGHT	CAS#	EXPOSURE LIMITS	LD50 (SPECIES & ROUTE)	LC50 (SPECIES)
Glycerin	30-60	56-81-5	10 mg/m3 (1,2) 15 mg/m3 (4)	NE	NE
Unidentified ingredients are not considered hazardous or are exempt from reporting (at(.1%; <0.1% in case of carcinogens) under the Federal Hazard Communication Standard(29 CFR 1910.1200).					

NOTES: (1) ACGIH TLV (TWA) (2) - OSHA PEL (TWA) (3) - ACGIH STEL (4) - OSHA STEL (5) - MFR/SUPPLIER TLV  
LD 50 VALUES ARE VIA ORAL ROUTE UNLESS OTHERWISE INDICATED  
\*\* TOXIC CHEMICAL REPORTABLE PER SECTION 313, TITLE III SARA AND 40 CFR372

## SECTION 3 - PHYSICAL DATA

<b>PHYSICAL STATE:</b> Liquid Gel	<b>APPEARANCE:</b> White opaque liquid	<b>ODOR:</b> Slight odor
<b>VAPOR PRESSURE (mmHg):</b> <0.1	<b>% VOLATILE:</b> 56	<b>VAPOR DENSITY (AIR=1):</b> >1
<b>EVAPORATION RATE (BuAc=1):</b> <1	<b>BOILING POINT (deg C):</b> 60	<b>FREEZING POINT (deg C):</b> NE
<b>pH:</b> NE	<b>DENSITY (g/ml):</b> 1.1	<b>SOLUBILITY IN WATER:</b> Complete

## SECTION 4 - FIRE AND EXPLOSION DATA

<b>FLAMMABILITY</b> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF YES, UNDER WHICH CONDITIONS:		
<b>EXTINGUISHING MEDIA:</b> Use media suitable for surrounding materials.		
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> No special procedures required.		
<b>FLASH POINT (PMCC) deg F:</b> >200	<b>UPPER FLAMMABILITY LIMIT: (% BY VOLUME)</b> NE	<b>LOWER FLAMMABILITY LIMIT: (% BY VOLUME)</b> NE
<b>AUTOIGNITION TEMPERATURE (deg C):</b> NE	<b>HAZARDOUS COMBUSTION PRODUCTS:</b> Carbon Dioxide and Carbon Monoxide.	
<b>EXPLOSION DATA</b>	<b>SENSITIVITY TO IMPACT:</b> NE	<b>SENSITIVITY TO STATIC DISCHARGE:</b> NA

## SECTION 5 - REACTIVITY DATA

<b>CHEMICAL STABILITY:</b> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF NO, UNDER WHICH CONDITIONS:
<b>INCOMPATIBILITY WITH OTHER SUBSTANCES:</b> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF SO, WHICH ONES? Strong oxidizers.
<b>REACTIVITY, AND UNDER WHICH CONDITIONS?</b> Product is not considered highly reactive.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> Carbon Dioxide and Carbon Monoxide.

PRODUCT NAME(S): Water Based Lubricant (1720)

## SECTION 6 - TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: SKIN CONTACT  SKIN ABSORPTION  EYE CONTACT  INHALATION  INGESTION

**EFFECTS OF ACUTE EXPOSURE TO PRODUCT:**

May be mildly irritating to the eyes, nose, and throat. May cause mild skin irritation in certain individuals.

**EFFECTS OF CHRONIC EXPOSURE TO PRODUCT:**

Prolonged inhalation of mist may cause mild respiratory irritation.

**EXPOSURE LIMITS:**  
See section 2.

**IRRITANCY OF PRODUCT:**  
Mild: Eyes, skin, and respiratory

**SENSITIZATION TO PRODUCT:**  
None reported or anticipated

**CARCINOGENICITY:**  
NE

**TERATOGENICITY:**  
NE

**REPRODUCTIVE TOXICITY:**  
NE

**MUTAGENICITY:**  
NE

**SYNERGISTIC PRODUCTS:**  
NE

## SECTION 7 - PREVENTIVE MEASURES

### PERSONAL PROTECTIVE EQUIPMENT

**CLOTHING (SPECIFY):** Not normally required, however in situations of extended skin contact, neoprene or other chemical resistant gloves are recommended.

**RESPIRATORY (SPECIFY):** Not normally required. For symptoms of overexposure, wear NIOSH - approved respirator for organic vapors.

**EYE (SPECIFY):** Not normally required, however the use of safety glasses is recommended.

**OTHER (SPECIFY):** If possible, eye wash and safety shower should be available.

**ENGINEERING CONTROLS (SPECIFY):**

Local exhaust may be necessary under some useage/handling conditions. Specific needs should be addressed by health/safety personnel.

**LEAK/SPILL PROCEDURE:**

Wear personal protective equipment. Ventilate area, clean up with inert absorbent.

**WASTE DISPOSAL:**

Waste may be burned in an approved incinerator or disposed of according to local, state, provincial, and federal regulations.

**HANDLING PROCEDURES/EQUIPMENT AND STORAGE REQUIREMENTS:**

Store in closed container in cool, well ventilated area.

**SPECIAL SHIPPING INFORMATION:**

NA

**H M I S RATING:**

1 1 0

## SECTION 8 - FIRST AID MEASURES

**SYMPTOMS / EFFECTS OF OVEREXPOSURE:** Respiratory irritation. High concentrations may cause headache, dizziness, and nausea. Prolonged or repeated exposure may lead to skin irritation and dermatitis. Eye contact may be irritating and may cause damage.

**EYES:** Immediately flush eyes with large amounts of water for at least 15 minutes while holding the eyelids open. Get prompt medical attention.

**SKIN:** Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists.

**INHALATION:** Move victim to fresh air and treat symptomatically. Seek medical attention if irritation persists.

**INGESTION:** Contact local poison control center or physician IMMEDIATELY!

## SECTION 9 - MSDS PREPARATION INFORMATION

**THIS MATERIAL SAFETY DATA SHEET IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTENT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.**

**PREPARED BY:** SHAT-R-PROOF Inc. CHEMISTRY DEPARTMENT

**DATE:** 12-17-01