

HMIS RATING	
Health	N/A
Flammability	N/A
Reactivity	N/A

MATERIAL SAFETY DATA SHEET

NFPA 704 RATING	
Health	1
Flammability	1
Reactivity	1
NFPA 30B LEVEL	
N/A	

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1. PRODUCT IDENTIFICATION

PART NUMBER80-100
PRODUCT NAMEVIBRA-TITE THREADLOCKER
CHEMICAL FAMILY.....N/A
DOT SHIPPING.....ORM-D

2. HAZARDOUS INGREDIENTS

Specific chemical identity, common names	OSHA PEL	ACGIH TLV	STEL	%
Acrylic Copolymer VTI-07-07	-	-	-	10-15
* - contains Toluene (108-88-3)	200ppm	100ppm	-	<1
Acrylic Copolymer VTI-07-08	-	-	-	10-15
* - contains Xylene (1330-20-7)	100ppm	100ppm	-	<2
1,1,1 Trichloroethane (71-55-6)	350ppm	350ppm	-	70-80
Pigment (non-hazardous)	-	-	-	<1

All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture of trade name product is sold. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement.

3. PHYSICAL DATA

BOILING POINT (RANGE).....54°C
VAPOR PRESSURE @ 20°C100mmHg
VAPOR DENSITY (Air = 1)4.6
SOLUBILITY IN WATER0.08 g/100g @ 25°C
SPECIFIC GRAVITY (H₂O = 1)1.3
MELTING/FREEZING POINTN/A
EVAPORATION RATE (Ether = 1).....0.4
V.O.C. (EPA Method 24)N/A
APPEARANCE AND ODORReddish viscous liquid, solvent odor

4. FIRE AND EXPLOSION DATA

FLASH POINTN/A
UPPER EXPLOSIVE LIMIT (%)15.0
LOWER EXPLOSIVE LIMIT (%)7.5
EXTINGUISHING MEDIA.....CO₂ foam, dry chemical, water fog.
SPECIAL FIREFIGHTING PROCEDURES Firefighters should wear NIOSH approved positive pressure self-contained breathing apparatus. Cool fire exposed containers with water.
FIRE AND EXPLOSION HAZARDS..... Concentrated vapors can be ignited by high intensity heat source. Combustion yields oxides of carbon, chlorine and small quantities of phosgene.

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRYSkin, eyes, ingestion, inhalation.
HEALTH HAZARDS
(Acute & Chronic) Acute: Moderately toxic - may cause nausea, vomiting and diarrhea.
Chronic: Long term, high concentrations may lead to CNS depression.

SIGNS AND SYMPTOMS
OF EXPOSURE..... Light headed feeling, dizziness, nausea.
MEDICAL CONDITIONS GENERALLY
AGGRAVATED BY EXPOSURE.....N/A

5. HEALTH EFFECTS DATA (Continued)

FIRST AID PROCEDURES

EYES..... Flush with water for at least 15 minutes, flushing both upper and lower eyelids occasionally. Abrasive, do not rub eyes. Obtain medical attention.
SKIN CONTACT Wash thoroughly with soap and water. If irritated, seek medical attention.
INHALATION..... Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention.
INGESTION..... Do not induce vomiting. Immediately drink two glasses of water and get medical attention.

SPECIAL HEALTH EFFECTS

CARCINOGEN (OSHA Guidelines) Toluene is on the list of 'Chemicals known to the state of California to cause cancer or reproductive toxicity'.

6. REACTIVITY

STABILITY Stable
INCOMPATIBILITIES..... All sources of ignition, heat, fire, etc. alkaline materials, mineral acids, halogens, and oxidizers.
NFPA REACTIVITY HAZARD.....N/A
HAZARDOUS DECOMPOSITION PRODUCTS May form peroxides with long exposure to air.
HAZARDOUS POLYMERIZATION..... Will not occur.
HAZARDOUS POLYMERIZATION CONDITIONS None known.

7. PRECAUTIONS FOR SAFE HANDLING AND USE

PROTECTIVE EQUIPMENT

REQUIREMENTS Safety glasses or goggles. Rubber or butyl gloves, impervious clothing. Ventilation to be used - local exhaust, wear self-contained breathing apparatus in high concentrations.
WASH REQUIREMENTS Wash with soap and water.
SPILL OR LEAK PROCEDURES Immediately extinguish all sources of ignition until area is free from explosive hazard. Absorb material on inert filler and place in suitable sealed container for disposal.
WASTE DISPOSAL METHODS Incinerate in accordance with local, state, and federal regulations.
HANDLING & STORAGE..... Avoid breathing vapors; keep material away from all sources of ignition. Keep container closed when not in use. Do not smoke while using.
OTHER PRECAUTIONS..... Avoid prolonged skin contact. Keep away from eyes. Use with adequate ventilation. Containers of this product may be hazardous when emptied, since containers retain residue (vapors, liquid) observe all precautions.

8. ADDITIONAL INFORMATION

Use self contained breathing apparatus if TLV limits are exceeded. Do not eat or smoke while using. Wash hands after use. THE INFORMATION GIVEN AND THE RECOMMENDATIONS MADE HEREIN APPLY TO OUR PRODUCT(S) ALONE AND ARE NOT COMBINED WITH OTHER PRODUCT(S). SUCH ARE BASED ON OUR RESEARCH AND ON DATA FROM OTHER RELIABLE SOURCES AND ARE BELIEVED TO BE ACCURATE. NO GUARANTEE OF ACCURACY IS MADE. IT IS THE PURCHASER'S RESPONSIBILITY BEFORE USING ANY PRODUCT TO VERIFY THIS DATA UNDER THEIR OWN OPERATION CONDITIONS AND TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PURPOSES.

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