

MATERIAL SAFETY DATA SHEET

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Vendor Update: 2/4/2004
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MSDS Number: 24221 ; 24231 ;

I. CHEMICAL PRODUCT IDENTIFICATION

Product Name: LOCTITE THREADLOCKER MEDIUM STRENGTH
HMIS Ratings:
NFPA Ratings:

II. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Ingredients	C.A.S. Number	% By Weight	ACGIH TLV TWA/STEL	OSHA PEL TWA/STEL	Other TWA/STEL	LD50	LC50
POLYGLYCOL DIMETHACRYLATE	25852-47-5	60-65					
Notes							
POLYGLYCOL OLEATE	9004-96-0	25-30					
Notes							
SACCHARIN	81-07-2	3-5					
Notes							
CUMENE HYDROPEROXIDE	80-15-9	1-3	NONE	NONE	1PPM (6MG/M3) SKIN (WEEL)		
Notes							
PROPYLENE GLYCOL	57-55-6	1-3					
Notes							
SILICA, AMORPHOUS, FUMED, CRYSTALLINE - FREE	112945-52-5	1-3	10 MG/M3	6 MG/M3	3 MG/M3 RESP. DUST		
Notes							
N,N-DIALKYLTOUIDINES	613-48-9	0.1-1					
Notes							
TITANIUM DIOXIDE	13463-67-7	0.1-0.5	10 MG/M3	15 MG/M3 TOTAL DUST	NONE		
Notes							

III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY

Eyes: MILD EYE IRRITANT.

Skin: MAY CAUSE DERMATITIS ON PROLONGED CONTACT IN SENSITIVE INDIVIDUALS. PROPYLENE GLYCOL IS A MILD SKIN IRRITANT.

Signs and Symptoms of Exposure: MILD EYE IRRITANT. PROPYLENE GLYCOL IS A MILD SKIN IRRITANT. IRRITANCY OF PRODUCT: MAY CAUSE DERMATITIS ON PROLONGED CONTACT IN SENSITIVE INDIVIDUALS.

Other: EFFECTS OF CHRONIC EXPOSURE TO PRODUCT:
 INGREDIENTS:
 TARGET ORGAN AND OTHER HEALTH EFFECTS:
 POLYGLYCOL DIMETHACRYLATE: ALLERGEN, IRRITANT.
 POLYGLYCOL OLEATE: IRRITANT.
 SACCHARIN: NO TARGET ORGANS.
 CUMENE HYDROPEROXIDE: ALLERGEN, CENTRAL NERVOUS SYSTEM,
 CORROSIVE, IRRITANT, MUTAGEN.
 PROPYLENE GLYCOL: IRRITANT.
 SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE: NUISANCE DUST.
 N,N-DIALKYL TOLUIDINES: NO TARGET ORGANS.
 TITANIUM DIOXIDE: IRRITANT, RESPIRATORY.

IV. FIRST AID MEASURES

Eyes: FLUSH AT LEAST 15 MINUTES WITH WATER. OBTAIN MEDICAL ATTENTION.

Skin: WASH THOROUGHLY WITH SOAP AND WATER.

Ingestion: DO NOT INDUCE VOMITING. KEEP INDIVIDUAL CALM. OBTAIN MEDICAL ATTENTION.

Inhalation: DOES NOT APPLY.

V. FIRE FIGHTING MEASURES

Flash Point: GREATER THAN 200°F

Test Method: TAG CLOSED CUP

Lower Flammability Limit: PROPYLENE GLYCOL: 12.5%

Upper Flammability Limit: PROPYLENE GLYCOL: 2.6%

Extinguishing Agents: CARBON DIOXIDE, FOAM, DRY CHEMICAL.

Unusual Fire or Explosion Hazards: IRRITATION ORGANIC VAPORS: OXIDES OF CARBON.

VI. ACCIDENTAL RELEASE MEASURES

Containment/Cleanup: SOAK UP IN AN INERT ABSORBENT. STORE IN A PARTLY FILLED, CLOSED CONTAINER UNTIL DISPOSAL.

VII. HANDLING AND STORAGE

Other: STORE BELOW 100°F. AVOID PROLONGED SKIN CONTACT. KEEP AWAY FROM EYES.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: SAFETY GLASSES OR GOGGLES.

Skin: NEOPRENE, RUBBER, OR BUTYL RUBBER GLOVES.

Engineering: VENTILATION: N/A.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	BLUE LIQUID
Boiling Point:	GREATER THAN 300°F
Freezing Point:	NOT AVAILABLE
pH:	NOT APPLICABLE
Solubility in Water:	NOT AVAILABLE
Specific Gravity:	1.1 AT 75°F
Vapor Pressure:	LESS THAN 5MM AT 80°F
Vapor Density:	NOT AVAILABLE
Volatile Content:	VOLATILE ORGANIC COMPOUND (EPA METHOD 24) 4.478%: 49.3 GRAMS PER LITER.
Other:	EVAPORATION RATE: NOT AVAILABLE.

X. STABILITY AND REACTIVITY

Stability:	NONE
Hazardous Decomposition Products:	NONE
Incompatible Products:	STRONG OXIDIZERS, FREE RADICAL INITIATORS, INERT GASES.
Conditions To Avoid:	NONE

XI. TOXICOLOGICAL INFORMATION

Acute Toxicology Data:	ORAL LD50 MORE THAN 10000 MG/KG. DERMAL LD50 MORE THAN 5000 MG/KG.
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XII. ECOLOGICAL INFORMATION

XIII. DISPOSAL CONSIDERATIONS

Disposal Method:	LANDFILL OR INCINERATE IN ACCORDANCE WITH CANADIAN AND LOCAL REGULATIONS.
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XIV. TRANSPORT INFORMATION

D.O.T. Shipping Name:	NOT REGULATED
D.O.T. Hazard Class:	NOT REGULATED

XV. REGULATORY INFORMATION

XVI. OTHER INFORMATION

WARRANTY INFORMATION

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, 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 CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.