

Toolmex Material Safety Data Sheet

TMX High Pressure Chuck Lubricant

According to the regulation (EC) No. 1907/2006

Issued on: 03.2011	Revised on: 03.2012	Revision: 01
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Designation of substance and/or preparation, company name	
Trade name	TMX High Pressure Chuck Lubricant
Description	Lubricating grease for Workholding chucks
Supplier	Toolmex Corporation
Street / POB	34 Talbot Road
Country code / ZIP code / Town	Northborough, MA 01532
Technical information contact	support@toolmex.com
Phone / Fax / Email	+1-508-653-8897 / +1-508-653-5110 / support@toolmex.com
Emergency information	+1-508-653-8897
<p>This material safety data sheet contains environmental, health and toxicology information for your employees. Please make sure this information is given to them. It also contains information to help you meet community right-to-know/emergency response reporting requirements under SARA Title 111 and many other laws. If you resell this product, this MSDS must be given to the buyer or the information incorporated in your MSDS</p>	
<p>DOT Hazardous Classification: Not regulated grease or oil – N.O.S. NEPA Health Hazard: 1 Flammability: 1 Reactivity: 1 Personal Protection: B</p>	

MATERIAL SAFETY DATA SHEET

1 Hazardous Ingredients

If present, IARL, NTP and OSHA carcinogens and chemicals subject to the reporting requirements of SARA Title 111, Section 313 are identified in the section

(Non Hazardous) Components	CAS – No.	TLV	PEL	%
Petroleum oils	64741-96-4	NE	NE	20-70
	64742-62-7	NE	NE	20-70
Lithium Hydroxystearate	7620-77-1	NE	NE	5-10
Molybdenum Disulfide	1317-33-5	NE	NE	20-30
Proprietary Components	N.J.T.S.R.N.			< 1.0
	80100362-5009P			

Abbreviations: PEL = OSHA Permissible Exposure Limit. TLV = ACGIH Threshold Limit Value.
 NE = None Established. NA = Not Applicable.

2 Physical data

Water Solubility	NIL	Boiling Point, F	Not applicable
SP, Gravity	1.14	Melting Point, F	Not applicable
Appearance & Color	Black, Paste Like	Volatile by Volume, %	None
Odor	None	Vapor Pressure	Not applicable
Evaporation Rate	Not applicable	Vapor Density	Not applicable

3 Fire and explosion hazards					
Flash Point:	ASTM D-92) C.O.C. 450°F	Upper Flammable Limit	N/D	Lower Flammable Limit	N/D
Extinguishing Media:	Dry chemical, water fog, foam, carbon dioxide, sand/earth				
Special Fire Fighting Procedures:	Treat as oil fire: use self-contained breathing apparatus				
Unusual Fire and Explosion Hazards:	None				
4 Environmental and Disposal Information					
Action to be taken for spill/leaks:	Stop flow, scrape, wipe, mop up, or absorb with diatomaceous earth or other inert material. Store in appropriate container for disposal				
Disposal Method:	Disposal should be in compliance with federal, state, and local laws				
5 Health hazard data					
Carcinogens:	No carcinogens present				
Route of entry:	Ingestion				
Effects of overexposure:	May cause irritation to eyes and skin on sensitive individuals				
Emergency First Aid Procedures					
Eyes:	Flush with water for at least 15 minutes				
Skin:	Wash with soap and water. See physician if irritation persists				
Inhalation:	Remove to fresh air. See physician if irritation persists				
Oral:	Call a physician. Do not induce vomiting. Keep warm				
Additional:	Prolonged or repeated contact may produce mild skin irritation and inflammation. Personnel with pre-existing skin disorder should avoid contact				
6 Reactivity Data					
Stability:	Stable				
Incompatibility:	Strong oxidizing agents, welding				
Polymerization:	Will not occur				
Thermal Decomposition:	Carbon Monoxide, Carbon Dioxide, Metallic and Sulfur Compounds				
Conditions to avoid:	Do not heat above flash point				
7 Special Protection Information					
Respiratory Protection:	Normally not needed				
Gloves Protection:	Neoprene or nitrile rubber gloves recommended				
Eye Protection:	Approved safety glasses or goggles				
Other Protection:	Chemically resistant boots and apron recommended				
Work/Hygienic Practices	Use standard methods				

8 Special Precautions and Additional Information	
Avoid storage near open flame or other sources of ignition. Spills may cause slippery floors. Proper footwear required. Remove contaminated clothing and launder before reuse. Wash hands with soap and water before eating, drinking or smoking. Discard contaminated leather gloves and shoes.	
9 Regulatory Information	
Global Chemical Inventory	
USA	All components of this material are on the USA TSCA Inventory or are exempt
EU	All components of this material are listed on the European Community Inventory (EINECS/ELINCS)
Japan	All components are in compliance with Chemical Substances Control Law of Japan
Korea	All components of this material are on the Korean Existing Chemical Inventory (KECI) or are exempt
Canada	All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List (DSL).
Ontario	All Components are listed on the Ontario Inventory of Chemical Substances
China	All components of this material are on the Inventory of the Existing Chemical Substances in China (IECSC) or are exempt
10 Other information / US	
Users Responsibilities This Material Safety Data Sheet provides information consistent with recommended applications of these products and anticipated activities involving the product. It is the user's responsibility to identify and protect against health and safety hazards.	
Disclaimer The information contained herein is based upon data provided by manufacturers and suppliers of raw materials used in the manufacture of cemented Carbide powders. The information is offered in good faith as accurate and correct, but no representations, guarantees, or warranties of any kind are made as to its accuracy or completeness, suitability for particular applications, hazards connected with the use of the powder, or the results to be obtained from the use thereof. User assumes all risk and liability of any use or handling of any material beyond Toolmex Corporation control. Variations in methods, conditions, equipment used to store, handle, or process the material, and hazards connected with the use of the powder are solely the responsibility of the user and remain at its sole discretion This MSDS is intended to be used solely for the purpose of satisfying informational requests made pursuant to Title 29 of the Code of Federal Regulations, Section 1910.1200 et seq. It is not intended to pre-empt, replace, or expand the terms contained in the Toolmex Corporation Conditions of Sale. Compliance with all applicable federal, state, and local laws and regulations remains the responsibility of the user, and the user has the responsibility to provide a safe workplace, to examine all aspects of its operation, and to determine if or where precautions, in addition to those described herein, are required. This information may not be valid for these powders when manufactured with alternate materials meeting the special requirements of a particular user	
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