

PERMATEX INDUSTRIAL CORPORATION -- ANTI-SEIZE LUBRICANT 80209 -- 8030-00-155-6444  
===== Product Identification =====

Product ID:ANTI-SEIZE LUBRICANT 80209  
MSDS Date:03/04/1991  
FSC:8030  
NIIN:00-155-6444  
MSDS Number: BNPLS  
=== Responsible Party ===  
Company Name:PERMATEX INDUSTRIAL CORPORATION  
Address:30 TOWER LANE  
City:AVON  
State:CT  
ZIP:06001  
Country:US  
Info Phone Num:203-677-7727/203-278-1280 (24 H  
R)  
Emergency Phone Num:203-677-7727/203-278-1280 (24 HR)  
Preparer's Name:STEPHEN REPETTO  
CAGE:62377  
=== Contractor Identification ===  
Company Name:PERMATEX INDUSTRIAL  
Address:HARTFORD SQUARE N 10 COLUMBUS BLVD  
Box:City:HARTFORD  
State:CT  
ZIP:06106  
Country:US  
Phone:877-376-2839  
CAGE:62377

===== Composition/Information on Ingredients =====

Ingred Name:MINERAL OIL  
CAS:64742-52-5  
Fraction by Wt: 65-70%  
Other REC Limits:5 MG/M3 MIST  
OSHA PEL:400PPM TWA/1600MG/M3

Ingred Name:COPPER

(SARA III)  
CAS:7440-50-8  
RTECS #:GL5325000  
Fraction by Wt: 10-15%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:1 MG/M3 DUST  
ACGIH TLV:1 MG/M3 DUST  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ALUMINUM (SARA III)  
CAS:7429-90-5  
RTECS #:BD0330000  
Fraction by Wt: 5-10%  
Other REC Limits:\*5 MG/M3 RESPIRABLE  
OSHA PEL:15 MG/M3 DUST \*  
ACGIH TLV:10 MG/M3 DUST

Ingred Name:GRAPHITE  
CAS:7782-42-5  
RTECS #:MD9659600  
Fraction by Wt: 1-3%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15 MPPCF RDUST  
ACGIH TLV:  
V:2 MG/M3 RDUST; 9293

Ingred Name:LITHIUM SOAP  
CAS:7620-77-1  
Fraction by Wt: 1-3%  
Other REC Limits:NONE SPECIFIED

Ingred Name:SILICA, AMORPHOUS (FUMED)  
CAS:112926-00-8  
Fraction by Wt: 1-3%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:6 MG/M3 TWA  
ACGIH TLV:10 MG/M3 TWA

Ingred Name:VOLATILE ORGANIC COMPOUND (EPA METHOD 24): 13.2%  
RTECS #:9999999VO  
Other REC Limits:NONE SPECIFIED

Ingred Name:SILICA, AMORPHOUS TREATED  
CAS:112945-52-5  
Fraction by Wt: 0.1-1.0%  
Other REC Limits:NONE RECOMMENDED  
OSHA PE

L:6 MG/M3  
ACGIH TLV:10 MG/M3

Ingred Name:PROPYLENE OXIDE (SARA 302/313) (CERCLA)  
CAS:75-56-9  
RTECS #:TZ2975000  
Fraction by Wt: 0.1-0.5%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:20 PPM/6 STEL  
ACGIH TLV:20 PPM/6 STEL  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:VOC = 14.2 G/L  
RTECS #:9999999VO  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:NOT RELEVANT  
ACGIH TLV:NOT RELEVANT

=====  
===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50>5000. DERMAL LD50>  
2,000 MG/KG  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:MAY CAUSE SKIN OR EYE IRRITATION WITH  
PROLONGED OR REPEATED CONTACT.  
Medical Cond Aggravated by Exposure:GRAPHITE POWDER: EMPHYSEMA, ASTHMA.

=====  
===== First Aid Measures =====

First Aid:INGESTION: DO NOT INDUCE VOMITING. KEEP INDIVIDUAL CALM.  
OBTAIN MEDICAL ATTENTION. INHALATION: (OIL MIST): REMOVE TO FRESH  
AIR. IF SYMPTOMS PERSIST, OBTAIN MEDICAL ATTE  
NTION. SKIN CONTACT:  
FLUSH WITH WATER. EYE: FLUSH AT LEAST 15 MINUTES WITH WATER.  
OBTAIN MEDICAL ATTENTION.

=====  
===== Fire Fighting Measures =====

Flash Point Method:TCC  
Flash Point:>200F,>93C  
Lower Limits:30%  
Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL. ALUMINUM METAL.  
Unusual Fire/Explosion Hazard:NONE

=====  
===== Accidental Release Measures =====

Spill Release Procedures:SOAK UP WITH AN INERT ABSORBENT.

=====

===== **Handling and Storage**=====

Handling and Storage Precautions:NO SPECIAL PRECAUTIONS. KEEP AWAY FROM EYES. AVOID PROLONGED SKIN CONTACT.

===== **Exposure Controls/Personal Protection**=====

Ventilation:PROVIDE LOCAL VENTILATION TO MAINTAIN VAPOR CONCENTRATION BELOW TLV IF MISTING OF OIL OCCURS OR COMPOUND BECOMES DRY.

Protective Gloves:RUBBER/PLASTIC GLOVES-PROLONG/REPEATED

Eye Protection:SAFETY GLASSES OR GOGGLES.

Supplemental Safety and Health

===== **Physical/Chemical Properties**=====

HCC:V7

Boiling Pt:B.P. Text:>500F,>260C

Vapor Pres:< 5MM @80F

Spec Gravity:1.06

Solubility in Water:NIL

Appearance and Odor:GREY GREASE, PETROLEUM ODOR.

===== **Stability and Reactivity Data**=====

Stability Indicator/Materials to Avoid:YES

NONE

Hazardous Decomposition Products:METAL VAPORS.

===== **Disposal Considerations**=====

Waste Disposal Methods:INCINERATE FOLLOWING EPA AND LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this informat

ion to their  
particular situation.