

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
HR)
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:COPPE

R (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 T
LV: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 P

EL: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

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===== 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.

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===== 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 ATTENTION.
SKIN CONTACT:
FLUSH WITH WATER. EYE: FLUSH AT LEAST 15 MINUTES WITH WATER.
OBTAIN MEDICAL ATTENTION.

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===== 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

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

Spill Release Procedures:SOAK UP WITH AN INERT ABSORBENT.

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==== 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

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==== 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.

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particular situation.