

LOCTITE CORP -- ANTISEIZE COMPOUND, 767-70 -- 8030-00-286-5453

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Product Identification
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Product ID:ANTISEIZE COMPOUND, 767-70

MSDS Date:03/27/1996

FSC:8030

NIIN:00-286-5453

MSDS Number: CGRQN

=== Responsible Party ===

Company Name:LOCTITE CORP

Address:1001 TROUT BROOK CROSSING

City:ROCKY HILL

State:CT

ZIP:06067-3910

Country:US

Info Phone Num:203-571-5100

Emergency Phone Num:203-571-5100

Preparer's Name:CHEMICAL COMMODITIES

CAGE:7K128

=== Contractor Identification ===

Company Name:LOCTITE CORP

Address:705 N MT RD

City:NEWINGTON

State:CT

ZIP:06111

Country:US

Phone:312-689-6200

CAGE:7K128

Company Name:LOCTITE CORPORATION

Address:1001 TROUT BROOK CROSSING

Box:City:ROCKY HILL

State:CT

ZIP:06067-3910

Country:US

Phone:860-571-5100

CAGE:05972

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Composition/Information on Ingredients
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Ingred Name:GRAPHITE

CAS:7782-42-5

RTECS #:MD9659600

Fraction by Wt: 20%

OSHA PEL:15 MPPCF
ACGIH TLV:2 MG/M3 RDUST

Ingred Name:MINERAL OIL, HYDROTREATED (SEVERE), HEAVY NAPHTHENIC
DISTILLATE; (HYDROTREATED PETROLEUM DISTILLATES)

CAS:64742-52-5
RTECS #:PY8035001
Fraction by Wt: 25%
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:COPPER (SARA 313) (CERCLA)

CAS:7440-50-8
RTECS #:GL5325000
Fraction by Wt: 25%
OSHA PEL:0.1MG/M3 FUME/1 DUST
ACGIH TLV:0.2 MG/M3 FUME
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:DISTILLATES, ACID-TREATED HEAVY NAPHTHENIC (SEVERE

SOLVENT-REFINING AND/OR HYDROTREATMENT); (PETROLEUM DISTILLATE)

CAS:64742-18-3
RTECS #:PY8032001
Fraction by Wt: 15%
OSHA PEL:300 PPM
ACGIH TLV:300 PPM

Ingred Name:SILICA, CRYSTALLINE - QUARTZ; (SILICON DIOXIDE
(ENCAPSULATED))

CAS:14808-60-7
RTECS #:VV7330000
Fraction by Wt: 0.2%
OSHA PEL:SEE TABLE Z-3
ACGIH TLV:0.1 MG/M3 RDUST

Ingred Name:CALCIUM TALLOWATE; (FATTY ACIDS, TALLOW, CALDIUM SALTS)

CAS:64755-01-7
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:MINERAL OIL, HYDROTREATED (SEVERE), PET

ROLEUM DISTILLATE,
HEAVY PARAFFINIC; (HYDROTREATED HEAVY PARAFFINIC DIST)
CAS:64742-54-7
RTECS #:PY8035501
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:EFTS OF OVEREXP: INHAL OF FREE RESP SILICA MAY CAUSE
SILICOSIS/OTHER SERIOUS DELAYED LUNG INJURY. SILICA MAY BE (ING 9)
RTECS #:9999999ZZ

Ingred Name:ING 8: RELEASED BY GRINDING/MACHINING OF COATED MATLS. NO
EXPOS TO FREE METAL POWDER IS ANTIC DURING NORM (ING 10)
RTECS #:9999999ZZ

Ingred Name:ING 9: APPLICATION OF THIS PROD. METAL POW
DER MAY BE
RELEASED, HOWEVER, BY GRINDING/MACHINING OF CURED CMPD OR (ING 11)
RTECS #:9999999ZZ

Ingred Name:ING 10: COATED SURF. RPTD/PRLNG OVEREXP TO METAL DUST MAY
CAUSE METAL-FUME FEVER, METALLIC TASTE & DISCOLORATION(ING 12)
RTECS #:9999999ZZ

Ingred Name:ING 11: OF SKIN & HAIR. REFER TO PROTECTIVE EQUIPMENT
SECTION FOR APPROPRIATE PROTECTIVE MEASURES.
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:NONE SPECIFIED BY MAN
UFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:ACUTE: EYES: SLIGHTLY IRRIT BUT DOES
NOT INJURY EYE TISS. SKIN: PRLNG/RPTD CONT MAY CAUSE IRRIT. INHAL:
DUST AT LEVELS ABOVE REC EXPOS LIMS MAY CAUSE METALLIC/SWEET TASTE,
IRRIT OF PHARYNX, & POSS ULC ERATION W/PERFORATION OF NASAL SEPTUM.
INGEST: MOD TOX. IRRIT TO MOUTH, THROAT & STOM, W/NAUS. (EFTS OF
OVEREXP)

Explanat

ion of Carcinogenicity: SILICA, CRYSTALLINE-QUARTZ: IARC MONO,
VOL 68, 1997: GROUP 1. NTP 7TH ANNUAL RPT ON CARCINS, 1994: ANTIC
TO BE (SUP DAT)

Effects of Overexposure: HLTH HAZ: CHRONIC: RPTD & PRLNG INHAL OF
GRAPHITE/CARBON DUSTS MAY CAUSE PULM FIBROSIS, EMPHYSEMA, &
PNEUMOCONIOSIS. SEV OF THESE EFTS IS GREATLY INFLUENCED BY PRESENCE
OF OTHER HARMFUL MINERAL DUSTS, MOST NOTABLY CRYSTALLINE SILICA.
NO EXPOS TO FREE RESP SILICA IS ANTIC DURING NORM USE OF THIS PROD.

(
ING 8)
Medical Cond Aggravated by Exposure: PREEXISTING PULMONARY AND
DERMATOLOGICAL DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO HAZARDOUS
COMPONENTS.

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First Aid Measures
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First Aid: EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MIN. GET
MEDICAL ATTENTION IF IRRITATION PERSISTS. SKIN: WASH WITH SOAP & WATER. GET MEDICAL ATTENTION
IF IRRITATION DEVELOPS/PERSISTS. INHALATION: REMOVE TO FRESH AIR & GET MEDICAL ATTENTION
IF COUGH/OTHER SYMPTOMS DEVELOP. INGESTION: DO NOT INDUCE
VOMITING.
GIVE A GLASS OF WATER/MILK. CALL MD/POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE
ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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Fire Fighting Measures
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Flash Point Method: PMCC
Flash Point: 300F, 149C
Lower Limits: 1.0%
Upper Limits: 6.0%
Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG.
Fire Fighting Procedures: WEAR NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT. USE
WATER TO COOL EXPOSED CONTAINERS. WATER STREAM DIRECTED INTO FIRE MAY
CAUSE FROTHING
W/SPREAD OF FLAME.
Unusual Fire/Explosion Hazard: FINELY DIVIDED DUST IN AIR MAY PRESENT
EXPLOSION HAZARD. POTENTIAL DUST BUILD-UP. CLOSED CONTAINERS MAY RUPTURE/EXPLODE (DUE
TO PRESSURE BUILD-UP) WHEN EXPOSED TO EXTREME (SUP DAT)

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Accidental Release Measures
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Spill Release Procedures: RECLAIM CLEAN MATERIAL. CONTAMINATED MATERIAL
SHOULD BE SWEEPED OR SHOVELED INTO APPROPRIATE WASTE CONTAINER AND
DISPOSED OF IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL

REGULATIONS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. DO NOT TAKE INTERNALLY. FOR INDUSTRIAL USE ONLY. STORE AWAY FROM HEAT. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:DO NOT REUSE EMPTY CONTAINERS WITHOUT COMMERCIAL CLEAN OR RECONDITION. FOLLOW ALL MSDS/LABEL PRECAUTIONS EVEN AFTER CONTAINER IS EMPTIED.

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

Respiratory Protection:NONE NORMALLY REQUIRED UNDER GENERAL VENT. IF EXPOSURE LEVELS ARE UNKNOWN, IF LEVELS EXCEED TLV/PEL, OR IF EFFECTS OCCUR, USE NIOSH APPROVED DUST/MIST RESPIRATOR I/A/W HEALTH & SAFETY REGULATIONS & MA NUFACTURER'S RECOMMENDATIONS.

Ventilation:GENERAL VENTILATION USUALLY ADEQUATE.

Protective Gloves:CLOTH OR SYNTHETIC GLOVES.

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .

Other Protective Equipment:EM

ERGENCY EYEWASH AND DELUGE SHOWER MEETING ANSI DESIGN CRITERIA . CLEAN CLOTHING TO COVER SKIN.

Work Hygienic Practices:WASH HANDS BEFORE EATING. FOLLOW GENERAL INDUSTRIAL SAFETY PRACTICES DURING USE.

Supplemental Safety and Health

EXPLO HAZ: HEAT. IRRIT &/OR TOX GASES/FUMES MAY BE GENERATED BY THERMAL DECOMP/COMBUST. MATLS TO AVOID: PALLADIUM, SELENIUM, MANGANESE, MAGNESIUM + POTASSIUM CHLORATE, SODIUM CARBONATE, SULFATES, DIBORANE. EXPLAN OF CARCIN: CARCIN: HUMAN: LUNG.

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

Boiling Pt:B.P. Text:>550F,>288C

Vapor Density:HVR/AIR

Spec Gravity:1.3017

Evaporation Rate & Reference:SLOWER THAN BUTYL ACETATE

Solubility in Water:INSOLUBLE

Appearance and Odor:COPPER COLORED PASTE WITH SLIGHT PETROLEUM ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG LEWIS/MINERAL ACIDS. STRONG BASES/OXIDANTS. NITRATES, NITRITES, CHLORINATED

HYDROCARBONS, CHLORIDES, (SUP DAT)

Stability Condition to Avoid:PROLONGED EXPOSURE TO HEAT.

Hazardous Decomposition Products:OXIDES OF CARBON. VARIOUS
HYDROCARBONS.

===== Disposal Considerations =====

Waste Disposal Methods:REVIEW ALL CURRENT FEDERAL, STATE, AND LOCAL
REGULATIONS REGARDING HEALTH AND DISPOSAL FOR APPROPRIATE DISPOSAL
PROCEDURES. INCINERATION PREFERRED.

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