

MORTON -- THIOKOL MC 215 BASE COMPOUND POLYSULFIDE SEALANT -- 8030-00-152-0062

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Product Identification  
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Product ID:THIOKOL MC 215 BASE COMPOUND POLYSULFIDE SEALANT

MSDS Date:07/10/1992

FSC:8030

NIIN:00-152-0062

Kit Part:Y

MSDS Number: CCJQP

=== Responsible Party ===

Company Name:MORTON

Address:7341 ANACONDA AVE.

City:GARDEN GROVE

State:CA

ZIP:92641

Country:US

Info Phone Num:714-373-2837

Emergency Phone Num:714-373-2837

CAGE:KO006

=== Contractor Identification ===

Company Name:MORTON

Address:7341 ANACONDA AVE.

City:GARDEN GROVE

State:CA

ZIP:92641

Country:US

Phone:714-373-2837

CAGE:KO006

Company Name:MORTON INTERNATIONAL, INC.

Address:100 NORTH RIVERSIDE PLAZA

Box:City:CHICAGO

State:IL

ZIP:60606-1598

Country:US

Phone:312-807-2000;714-730-4200

CAGE:03UL8

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Composition/Information on Ingredients  
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Ingred Name:CALCIUM CARBONATE

CAS:471-34-1

RTECS #:FF933

5000  
Fraction by Wt: 10-30%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3  
ACGIH TLV:10 MG/M3

Ingred Name:TOLUENE (SARA 313) (CERCLA) LD50 5000MG/KG ORAL RAT;LD50  
12124MG/KG DERMAL RABBIT;LC50 5320PPM/8 HR INHAL MOUSE.

CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 5-10%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM/STEL 150  
ACGIH TLV:100 PPM/STEL 150  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:SILICA, CRYSTALLINE - QUARTZ  
CAS:14808-60-7  
RTECS #:VV7330000  
Fraction by Wt:  
0.22%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.1 MG/M3 RDUST  
ACGIH TLV:0.1 MG/M3 RDUST

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYE:CAN CAUSE INJURY/BURNS TO  
CORNEA/OTHER TISSUE. SKIN:CAN CAUSE MILD-MOD IRRIT.CHRONIC:  
DEFATTING.IRRIT LEADS TO DERMATITIS.CAN BE  
ABSORBED.INHAL:NOSE/THROAT/UPPER RESP TRACT IRRIT  
.CAN CAUSE DIZZINE  
SS/HEADACHE/INCOORDINATION/NAUSEA/VOMITING/GI UPSET.INGEST:GI  
IRRIT/NAUSEA/VOMITING/GI UPSET/DIZZINESS/FAINT/DROWSY\*  
Explanation of Carcinogenicity:LUNG CANCER MORE PREVALENT IN PEOPLE  
AFFECTED W/SILICOSIS THAN GEN PUBLIC.  
Effects of Overexposure:\*ATAXIA.MAY AFFECT  
LIVER/KIDNEY/CENTRAL/PERRIFERAL NS.EYE/SKIN:CHRONIC: AFFECTS RESP  
FUNCTION.INGEST:CAN CAUSE CNS DEPRESSION.LG DOSE CAN PRODUCE  
METABOLIC ACIDOSIS.LIVER/KIDNEY DAMAGE/VRNTRICULAR IRR  
EGULA

RITIES\*\*

Medical Cond Aggravated by Exposure:CENTRAL/PERRIFERAL NS/SKIN.

\*\*CONVULSIONS.HIGH VAPORS INDUCE CARDIAC SENSITIZATION.SILICOSIS W/CHRONIC EXPOS TO CRYSTALLINE SILICA(COUGHING/WHEEZING/CHEST PAIN/IMPAIRED PULMINARY FUNCTION).

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First Aid Measures  
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First Aid:EYE:IMMED FLUSH W/WATER >15 MIN HOLD LIDS OPEN.GET IMMED MED AID.SKIN:REMOVE CONTAM CLOTHES/SHOES/WASH BEFORE REUSE.WASH W/SOAP/WATER.IF IRRIT CALL DR.INHAL:GET FRES H AIR IF SYMPTOMS.GET IMMED MED AID .IF NO RESP, ARTIF RESP (MOUTH-TO-MOUTH).INGEST:GET MED AID.UNLESS ADVISED OTHERWISE INDUCE VOMITING W/IPECAC+2 GLASSES WATER/STICK FINGER DOWN THROAT.NOTHING BY MOUTH IF DROWSY/UNCONSCIOUS/NO GAG\*\*\*

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Fire Fighting Measures  
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Flash Point Method:SCC  
Flash Point:95.0F,35.0C  
Autoignition Temp:Autoignition Temp Text:NE  
Lower Limits:NA  
Upper Limits:NA  
Extinguishing Media:SM: AGENTS FOR CLASS B.DRY CHEM/CA RBON DIOXIDE/HALLON/FOAM/STEAM/WATER FOG. LG: WATER SPRAY/FOG/ALCOHOL FOAM.  
Fire Fighting Procedures:FIREFIGHTERS/OTHERS EXPOSED TO COMBUSTION PRODUCTS SHOULD BE EQUIPPED W/NIOSH APPROVED POSITIVE PRESSURE SCBA/FULL PROTECTIVE CLOTHING.  
Unusual Fire/Explosion Hazard:SEALED CNTNRS MAY RUPTURE IF EXPOSED TO HIGH TEMP/FLAME.COOL W/WATER.VAPORS >AIR, TRAVEL LONG DISTANCE.CAN BE IGNITED BY SPARK/FLAME/ENGINE/OTHER IGNIT SOURCES.

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Accidental Release Measures  
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Spill Release Procedures:STOP LEAK IF SAFE.CONTAIN.RECOVER W/PUMP VACUUM TRUCK/EXPLOSION PROOF EQUIP/ABSORBENT.PLACE IN SUITABLE CNTNR/DISPOSE.USE PROTEC EQUIP.DON'T FLUSH TO SEWER/STREAM/BODY WATER.REMOVE IGNIT SOURCE.IF TLV /PEL EXCEEDED EVACUATE.SUPPLIED AIR RESP/SCBA\*\*\*\*  
Neutralizing Agent:NK \*\*\*\*IN ENCLOSED SPACES.

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Handling and Storage  
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Handling and Storage Precautions:STORE IN COOL DRY WELL-VENT AREA AWAY

FROM HEAT/IGNIT SOURCE/DIRECT SUNLIGHT.KEEP CNTNR TIGHTLY CLSD.HOT VAPORS/MISTS MAY IGNITE WHEN MIXED W/AIR.

Other Precautions:DON'T CONTAMINATE.AT TYPICAL HIGH TEMP. EVALUATE PROPOSED USE THOROUGHLY TO ASSURE SAFETY.SUPPORT/GROUND CNTNRS PRIOR OPENING/TRANSFERRING/MIXING/POURING/EMPTYING.USE NONSPARKING TOOLS.IF WARM OPEN BU NG SLOWLY TO RELEASE PRESSURE.CNTNR\*\*\*\*\*

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

Respiratory Protection:DON'T BREATHE VAPOR/MIST. WHEN LIMITS SURPASSED

USE NIOSH/MSHA APPROVED EQUIPMENT. CONSULT MFR FOR SPECIFIC APPLICATION. OBSERVE RESPIRATOR LIMITATIONS. HIGH AIRBORNE CONCENTRATIONS MAY REQ SCBA/SUPPLIED AIR RESP. COMPLY W/29 CFR 1910.134.

Ventilation:GEN DILUTION MAY BE ACCEPTABLE.LOCAL EXHAUST RECOMMENDED WHEN VAPORS/MISTS/DUSTS CAN BE RELEASED.MAINTAIN BELOW LIMITS.

Protective Gloves:IMPERVIOUS.CONSULT MFR FOR PROPER TYPE.

Eye Protection:CHEM GOGGLES/GLASSES W/SIDE SHIELDS.

Other Protective

Equipment:EYEWASH FACILITY SHOULD BE READILY AVAILABLE.

Work Hygienic Practices:WASH WELL AFTER HANDLING/BEFORE EATING/DRINKING/SMOKING/USING RESTROOM.WASH CONTAM CLOTHES BEFORE REUSE.

Supplemental Safety and Health

\*\*\*REFLEX.HIGH RISK ASPIRATION/CHEM PNEUMONITIS.PRESENCE AROMATIC/CHLORINATED HYDROCARBONS MAKES EVACUATION STOMACH ADVISEABLE. TREATMENT SHOULD BE SUPPORTIVE/SYMPTOMATIC/DIRECTED AT PREVENTING ABSORPTION.\*\*\*\*\*RETAINS RESIDUE.

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

Boiling Pt:B.P. Text:NA

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:1.3

pH:NA

Evaporation Rate & Reference:NA

Solubility in Water:INSOLUBLE

Appearance and Odor:RED COLORED PASTE SULFIDE ODOR

Percent Volatiles by Volume:14.0

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS

Hazardous Decomposition Products:IF HEATED, FLAM SOLVENT VAPORS/PHENOLICS/OXIDES SULFUR/SMOKE/SO

OT/CARBON DIOXIDE/CARBON  
MONOXIDE/HYDROGEN SULFIDE.

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

Waste Disposal Methods: IF UNUSED EXHIBITS CHARACTERISTICS RCRA HAZ  
WASTE (40 CFR 261.21 IGNITABLE D001). MUST BE MANAGED AT PROPERLY  
PERMITTED FACILITY ACCORDING TO APPLIC REGS. CALL APPROP AGENCIES  
FOR MORE GUIDANCE. RECYCLE IF FEASIBLE. INCINERATE/TREAT IF NOT.

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