

MORTON SALT -- THIOKOL MC-215 BASE COMPOUND POLYSULFIDE SEALANT CLASS B-1/2 --
8030-00-598-2910

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Product Identification
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Product ID:THIOKOL MC-215 BASE COMPOUND POLYSULFIDE SEALANT CLASS B-1/2

MSDS Date:07/09/1992

FSC:8030

NIIN:00-598-2910

Kit Part:Y

MSDS Number: CDPGX

=== Responsible Party ===

Company Name:MORTON SALT

Address:7341 ANACONDA AVE.

City:GARDEN GROVE

State:CA

ZIP:92641

Info

Phone Num:714-373-2837

Emergency Phone Num:800-424-9300 (CHEMTREC)

CAGE:KO151

=== Contractor Identification ===

Company Name:MORTON INTERNATIONAL AEROSPACE POLYMER SYSTEMS

Address:7341 ANACONDA AVENUE

Box:City:GARDEN GROVE

State:CA

ZIP:92641

Country:US

Phone:714-373-2837

CAGE:0U317

Company Name:MORTON SALT

Address:100 N RIVERSIDE PLASA

Box:City:CHICAGO

State:IL

ZIP:60606-1597

Country:US

Phone:312-807-2000

CAGE:KO151

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Composition/Information on Ingredients
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Ingred N

ame:CALCIUM CARBONATE (LIMESTONE)

CAS:471-34-1

RTECS #:FF9335000

Fraction by Wt: 30-60%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5MG/M3

ACGIH TLV:10 MG/M3

Ingred Name:TITANIUM DIOXIDE

CAS:13463-67-7

RTECS #:XR2275000

Fraction by Wt: 1-5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3

ACGIH TLV:10 MG/M3 TDUST

Ingred Name:SILICA, CRYSTALLINE - QUARTZ

CAS:14808-60-7

RTECS #:VV7330000

Fraction by Wt: 0.33%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.1 MG/M3

ACGIH TLV:0.1 MG/M3

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

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

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

Health Hazards Acute and Chronic:EYES: MECHANICAL IRRIT SKIN: IRRIT.

INGESTION: NAUSEA/VOMIT/GI UPSET. MAY AFFECT RESP/IMMUNE SYSTEM (ALERGIC REACTION). CAN CAUSE PNEUMOCONIOSIS, MECHANICAL IRRIT TO EYES/SKIN/GI TRACT. SILICOSIS (COUGH/WHEEZ/CHEST PAIN/PROGRESSIVE IMPAIRMENT OF PULMONARY FUNCTION).

Explanation o

f Carcinogenicity:QUARTZ CRYSTALLINE SILICA IS LISTED IN THE NTP ANNUAL REPORT.

Medical Cond Aggravated by Exposure:NONE EXPECTED

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

First Aid:EYES:FLUSH W/H2O >15 MIN. CALL DR. SKIN: REMOVE CONTAM CLOTHES/SHOES, WASH BEFORE REUSE. WASH W/SOAP/WATER. CALL DR. INHAL: GET FRESH AIR. CALL DR IMMED. IF NOT BREATH GIVE ARTIF RESP PREFERABLY MOUTH -TO-MOUTH. INGEST: CALL DR. INDUCE VOMITING BY GIVING IPECAC & 2 GLAS

SES H2O, OR STICK FINGER DOWN THROAT. NEVER
GIVE ANYTHING BY MOUTH TO UNCONSCIOUS/DROWSY/NO GAG REFLEX PERSON.

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

Flash Point Method:SCC

Flash Point:>200F,>93C

Autoignition Temp:Autoignition Temp Text:NE

Lower Limits:NA

Upper Limits:NA

Extinguishing Media:USE AGENTS APPROVED FOR CLASS A HAZARDOUS E.G.
HALOGENATED AGENTS, FOAM, STEAM OR WATER FOG.

Fire Fighting Procedures:FIREFIGHTERS AND OTHERS EXPOSED TO PROD OF
COM

BUSTION SHOULD BE EQUIPED WITH NIOSH APPROVED POSITIVE PRESSURE
SCBA & FULL PROTECTIVE CLOTHING.

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

Spill Release Procedures:SHOVEL OR VACUUM, PUT IN CLOSED CONTAINERS FOR
HANDLING/DISPOSAL. DO NOT FLUSH TO SEWER, STREAM, OTHER BODIES
WATER. EVACUATE/VENTILATE AREA. USE SCBA FOR ENCLOSED/UNVENTED
SPACES.

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

Handling and Storage Precautions:STORE IN
COOL DRY WELL VENTED AREA.

CNTNR CAN RETAIN RESIDUE DONT REUSE FOR FOOD/CLOTHES/PRODUCTS FOR
HUMAN OR ANIMAL CONSUMPTION.*

Other Precautions:*FORMALDEHYDE MAY ACCUMULATE IN HEAD SPACE OF SEALED
CONTAINERS & EXCEED 1 PPM PEL, 2 PPM STEL, 1 PPM ACGIH, 2 PPM STEL.
APPROPRIATE RESPIRATORY PROTECTION SHOULD BE WORN.

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

Respiratory Protection:NOT USUALLY REQUIRED. IF >LIMITS USE NIOSH/MSHA
APPROVED EQPT. USE SCBA O

R SUPPLIED AIR RESPIRATOR FOR HIGH AIR
CONCENTRATIONS.

Ventilation:MAINTAIN AIRBORNE CONCENTRATIONS < LIMITS. LOCAL EXHAUST
RECOMMENDED.

Protective Gloves:IMPERVIOUS

Eye Protection:CHEM GOGGLES/SAFETY GLASSES/SIDE SHIELDS

Other Protective Equipment:EYEWASH FACILITY & PROTECTIVE CLOTHING.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING/BEFORE
EATING/DRINKING/SMOKING/USING TOILET. CLEAN CONTAM CLOTHES/SHOES
BEFORE REUSE.

Supplemental Safety and Health
MORE INFORMATION ON FIL

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

Boiling Pt:B.P. Text:NA
Vapor Pres:NA
Vapor Density:NA
Spec Gravity:1.54
pH:NA
Viscosity:6000/12000POI
Evaporation Rate & Reference:NA
Solubility in Water:INSOLUBLE.
Appearance and Odor:RED COLORED PASTE, SULFIDE ODOR
Percent Volatiles by Volume:0.0

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

Stability Indicator/Materials to Avoid:YES
NK
Hazardous Decomposition Products:PHENOLICS, OXIDES OF NI
TROGEN/SULFUR,
SMOKE, SOOT, TOXIC FUMES (E.G. CARBON DIOXIDE & CARBON MONOXIDE),
HYDROGEN SULFIDE

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

Waste Disposal Methods:IF DISCARDED IN ORIGINAL UNUSED FORM MANAGE AT
AUTHORIZED FACILITY IN COMPLIANCE W/LOCAL/FEDERAL/STATE REGS.
CONTACTING APPROPRIATE GOVERNMENT/ENVIRONMENTAL AGENCIES FOR
FURTHER DISPOSAL GUIDANCE IS R EQUIRED. RECYCLE, TREAT, OR
INCINERATE MATERIAL.

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