

MORTON SALT -- THIOKOL MC-236 BASE POLYSULFIDE SEALANT B-1/2-1-2-4 -- 8030-01-333-4822

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Product Identification
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Product ID:THIOKOL MC-236 BASE POLYSULFIDE SEALANT B-1/2-1-2-4

MSDS Date:07/09/1992

FSC:8030

NIIN:01-333-4822

Kit Part:Y

MSDS Number: CDPJX

=== Responsible Party ===

Company Name:MORTON SALT

Address:7341 ANACONDA AVE.

City:GARDEN GROVE

State:CA

ZIP:92641

Country:US

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 Name:CAL

CIUM CARBONATE (LIMESTONE)

CAS:471-34-1

RTECS #:FF9335000

Fraction by Wt: 40.2%

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: 2.5%

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: 0.36%

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:

MECHANICAL IRRIT. INGEST: NAUSEA/VOMIT/GI UPSET/IRRIT, MAY EFFECT
RESP/IMMUNE SYSTEM (ALERGIC REACTION), RESP FUNCTION. INHAL:
PNUEMOCONIOSIS, SILICOSIS (COUGH/WHEEZ/CHES T PAIN/PROGRESSIVE
IMPAIRMENT TO PULMONARY FUNCTION).

Explanation of Carcinogenicity:QUA

RTZ CRYSTALLINE SILICA IS LISTED BY

NTP ANNUAL REPORT AS A CARCINOGEN.

Medical Cond Aggravated by Exposure:NONE EXPECTED

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

First Aid:EYES: FLUSH W/WATER >15 MIN. CALL DR. SKIN: REMOVE CONTAM
CLOTHES/SHOES, WASH BEFORE REUSE. WASH W/SOAP/WATER. CALL DR.
INHAL: GET FRESH AIR. CALL DR. IF NO BREATH GIVE ARTIF RESP
PREFERABLY MOUTH-TO- MOUTH. INGEST: CALL DR, UNLESS ADVISED
OTHERWISE INDUCE VOMIT BY GIVING IPECA

C + 2 GLASSES WATER 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 T
O PROD OF
COMBUSTION SHOULD BE EQUIPED WITH NIOSH APPROVED POSITIVE PRESSURE
SCBA & FULL PROTECTIVE CLOTHING.

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

Spill Release Procedures:SHOVEL/VACUUM SPILL & PLACE IN CLOSED CNTNR
FOR HANDLING/DISPOSAL. DONT FLUSH TO SEWER, STREAM, OTHER BODIES
WATER. IF TLV/PEL EXCEEDED EVAC/VENT AREA. USE SCBA FOR
ENCLOSED/UNVENTED SPACE.

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

Handling and Storage Precautions:STORE IN COOL DRY WELL VENTED AREA.
CNTNR CAN RETAIN RESIDUE DONT REUSE FOR FOOD/CLOTHES/ETC. AVOID
SKIN CONTACT.*
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. WHEN LIMITS SURPASSED USE
NIOSH/MSHA APPROVED EQPT. USE SCBA/SUPPLIED AIR RESPIRATOR FOR HIGH
AIR CONCENTRATIONS.
Ventilation:ADEQUATE VENTILATION. GEN DILUTION ACCEPTIBLE. LOCAL
EXHAUST RECOMMENDED WHEN VAPORS/MIST/DUSTS MAY BE RELEASED.
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 FILE.

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

Boiling Pt:B.P. Text:NA
Vapor Pres:NA
Vapor Density:NA
Spec Gravity:1.61
pH:NA
Viscosity:9000/14000POI
Evaporation Rate & Reference:NA
Solubility in Water:INSOLUBLE.
Appearance and Odor:LIGHT COLORED,OFF WHITE PASTE SULFIDE ODOR.
Percent Volatiles by Volume:3.0

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

Stability Indicator/Material
s to Avoid:YES
NK
Hazardous Decomposition Products:PHENOLICS/OXIDES OF NITROGEN/SULFUR,
SMOKE, SOOT, TOXIC FUMES (CARBON DIOXIDE/CARBON MONOXIDE), HYDROGEN
SULFIED

===== 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, TREA
T, OR
INCINERATE MATERIAL.

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