

MORTON -- THIOKOL MC-236 BASE TYPE II -- 8030-00-152-0013

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Product Identification
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Product ID:THIOKOL MC-236 BASE TYPE II

MSDS Date:07/09/1992

FSC:8030

NIIN:00-152-0013

Kit Part:Y

MSDS Number: BYRQF

=== 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

Preparer

's Name:DAVID B.WIENCKOWSKI,DABT

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 AEROSPACE POLYMER SYSTEMS

Address:7341 ANACONDA AVENUE

Box:City:GARDEN GROVE

State:CA

ZIP:92641

Country:US

Phone:714-373-2837

CAGE:0U317

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Composition/Information on Ingredients
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Ingred Name:CALCIUM CARBONATE

CAS:471-34-1

RTECS #:FF93

35000
Fraction by Wt: 40.2%
Other REC Limits:NONE RECOMMENDED

Ingred Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
Fraction by Wt: 2.5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9495

Ingred Name:SILICA, CRYSTALLINE - QUARTZ
CAS:14808-60-7
RTECS #:VV7330000
Fraction by Wt: 0.36%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:SEE TABLE Z-3
ACGIH TLV:0.1 MG/M3 RDUST;9495

Ingred Name:NON-HAZARDOUS INGREDIENTS
Fraction by Wt: 55%
Other REC Limits:NONE
RECOMMENDED

Ingred Name:FORMALDEHYDE (SARA 302/313) (CERCLA)
CAS:50-00-0
RTECS #:LP8925000
Fraction by Wt: 200F,>93C
Extinguishing Media:USE AGENTS APPROVED FOR CLASS A HAZARD(HALOGENATED
AGENTS,FOAM,STEAM,WATER FOG).
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE EQUIPMENT.
Unusual Fire/Explosion Hazard:FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

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

Spill Release Procedures:SHOVEL OR
VACUUM;PLACE COLLECTED MATERIAL IN
AN APPROPRIATE CONTAINER FOR DISPOSAL;CLEAN SPILL AREA TO REMOVE
SLIPPERINESS.DO NOT POLLUTE SEWERS,STREAMS OR WATERWAYS.
Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED
PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.
Other Precautions:THIS PRODUCT CONTAINS FORMALDEHYDE,WHICH MAY
ACCUMULATE IN THE HEADSPACE OF SEALED CONTAIN

ERS;USE PROPER

RESPIRATORY PROTECTIVE EQUIPMENT.EMPTY CONTAINERS MAY CONTAIN
HAZARDOUS RESIDUE;DISPOSE OF PROPERLY.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN
ENCLOSED SPACES USE A SELF-CONTAINED BREATHING APPARATUS.IF THE PEL
FOR FORMALDEHYDE(2PPM-STEL) IS EXCEEDED USE A NIOSH/MSHA APPROVED
RESPIRATOR FOR FORMALDEHYDE.

Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GE
NERAL)

VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:PROVIDE A LOCAL EYE WASH STATION AND SAFETY
SHOWER.

Work Hygienic Practices:USE GOOD MANUFACTURING AND HANDLING
PRACTICES.WASH AFTER HANDLING PRODUCT AND BEFORE EATING,DRINKING OR
SMOKING.

Supplemental Safety and Health

KEY1;N1.NOTE TO PHYSICIAN:TREATMENT SHOULD BE DIRECTED AT PREVENTING
ABSORPTION.

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

HCC:V5

Spec Gravity:1.61

Viscosity:9000-14000P

Solubility in Water:INSOLUBLE

Appearance and Odor:NOT REPORTED.

Percent Volatiles by Volume:97

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

Stability Indicator/Materials to Avoid:YES
NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON DIOXIDE,CARBON MONOXIDE,OXIDES
OF NITROGEN AND SULFUR,PHENOLICS,HYDROGEN

SULFIDE.

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

Waste Disposal Methods:RECYCLE,INCINERATE OR SURRENDER TO A WASTE TREATMENT FACILITY IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.

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