

MORTON -- THIOKOL MC-236 BASE TYPE II -- 8030-00-432-9544

===== Product Identification =====

Product ID:THIOKOL MC-236 BASE TYPE II

MSDS Date:07/09/1992

FSC:8030

NIIN:00-432-9544

Kit Part:Y

MSDS Number: BYRRD

=== 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

===== Composition/Information on Ingredients =====

Ingred Name:CALCIUM CARBONATE

CAS:471-34-1

RTECS #:FF9335000

Fraction by Wt: 40.2%

Other REC Limits:NONE RECOMMENDED

In

gred 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)  
CA  
S: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 F  
OR 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 CONTAINERS;USE PROPER  
RESPIRATORY PROTECTIVE EQUIPMENT.EMPTY CONTAIN

ERS MAY CONTAIN  
HAZARDOUS RESIDUE;DISPOSE OF PROP ERLY.

===== 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 FORM ALDEHYDE.

Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL)  
VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves:IMP  
ERVIUS 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:V4

Spec Gravity:1.61

Visco

sity: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 =====

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

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