

MORTON -- THIOKOL MC-236 BASE TYPE II -- 8030-00-850-5717

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

Product ID:THIOKOL MC-236 BASE TYPE II

MSDS Date:07/09/1992

FSC:8030

NIIN:00-850-5717

Kit Part:Y

MSDS Number: BYRSV

=== 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 #:FF933

5000
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 V
ACUUM;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 CONTAINER

RS;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(GEN
ERAL)

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.

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

HCC:N1

Spec Gravity:1.61

Viscosity:9000-14

000P

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.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this docu

ment should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.