

MORTON INTL -- THIOKOL MC-615 BASE COMPOUND -- 8030-01-104-5396

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Product Identification
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Product ID:THIOKOL MC-615 BASE COMPOUND

MSDS Date:01/20/1993

FSC:8030

NIIN:01-104-5396

Kit Part:Y

MSDS Number: BVGNY

=== Responsible Party ===

Company Name:MORTON INTL

Address:7341 ANACONDA AVENUE

City:GARDEN GROVE

State:CA

ZIP:92641

Country:US

Info Phone Num:714-373-2837

Emergency Phone Num:800-424

-9300 CHEMTREC

Preparer's Name:DAVID B WIENCKOWSKI

CAGE:0U317

=== 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

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Composition/Information on Ingredients
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Ingred Name:LIMESTONE/CALCIUM CARBONATE

CAS:471-34-1

RTECS #:FF9335000

Fraction by Wt: 30-60%

Other REC Limits:#15 MG/M3 TTL PARTIC

OSHA PEL:5 MG/M3 RESP FRACTN#

ACGIH TLV:15MG/M3 TOTAL PARTIC

Ingred Name:STRONTIUM CHROMATE 176/STRONTIUM CHROMATE (SARA III)
(ORAL/RAT LD50: 3118 MG/KG)

CAS:7789-06-2

RTECS #:GB3240000

Fraction by Wt: 1-5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.10 AS CR MG/M3

ACGIH TLV:0.0005 AS CR MG/M3

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:QUARTZ (CRYSTALLINE SILICA)

CAS:14808-60-7

RTECS #:VV7330000

Fraction by Wt: 0.32%

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:YES IARC:YES

Health Hazards Acute and Chronic:EYE: INJURY (BURNS) TO CORNEA & OTHER
TISSUES. SKIN: BURNS. HYPERSENSITIVITY (ALLERGIC) REACTIONS IN
SUSCEPTIBLE INDIVIDUALS. INHALATION: NOSE, THROAT, & UPPER RESP
TRACT IRRITATION. INGESTION: CORROS IVE. SEVERE MOUTH, THROAT &
DIGESTIVE TRACT BURNS. NAUSEA, VOMITING & GASTROINTESTINAL UPSET.

MAY AFFECT LIVER & KIDNEY.

Explanation of Carcinogenicity:STRONTIUM CHROMATE LISTED (NTP) HUMAN
CARCINOGEN.EPICDEMILOGICAL STUDIES INDICATE LUNG CANCER MORE
PREVELENT(QUARTZ)IARC

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH MEDICAL CONDITIONS
INVOLVING: LIVER, KIDNEY, BLOOD, HEMATOPOIETIC SYSTEM, RESPIRATORY
SYSTEM, IMMUNE, OR SPECIFIC CHEMICAL ALLERGIES SHOULD TAKE
PRECAUTIONS WHEN HANDLING THIS PRODUCT

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First Aid Measures =====

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First Aid:EYE:IMMED FLUSH W/H2O 15 MIN,LIFT EYELID. GET IMMED MED AID.
SKIN:LRG EXPOSUR,USE EMERG SHOWER.REMOVE CONTAM CLOTH & SHOES. WASH
SKIN W/SOAP & WTR (HAIR,FINGER NAILS). GET IMMED MED AID. INHAL:
REMOVE TO FRESH AIR. IF SYMPTOM, GET IMMED MEDAID. IF NO BREATH,
GIVE ARTIF RESP (MOUTH TO MOUTH). INGEST: GET MED AID. UNLESS
ADVISED OTHERWISE, INDUCE VOMIT. NOTHING BY MOUTH TO UNCONSCIOUS/NO
GAG REFLEX.

===== Fire Fighting Measures =====
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Flash Point Method:SCC
Flash Point:>200F,>93C
Extinguishing Media:USE AGENTS APPROVED FOR CLASS A HAZARDS (E.G.,
HALOGENATED AGENTS, FOAM, STEAM) OR WATER FOG.
Fire Fighting Procedures:FIRE FIGHTERS & OTHER EXPOSED TO COMBUSTION
PRODUCTS SHOULD BE EQUIPPED W/NIOSH POSITIVE PRESSURE
SELF-CONTAINED BREATHING APPARATUS & FULL PROTECTIVE CLOTHING.
Unusual Fire/Explosion Hazard:NONE KNOWN

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

Spill Release Procedures:SHOVEL OR VACUUM SPILLED PRODUCT AND PLACE IN
CLOSED CONTAINER FOR FURTHER HANDLING AND DISPOSAL. DO NOT FLUSH TO
SEWER, STREAM, OR OTHER BODIES OF WATER.

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

Handling and Storage Precautions:IF AIRBORNE CONCENTRATION >TLV/PEL,OR
IF HIGH AIRBORNE CONCENTRATIONS CAN OCCUR,EVACUATE EMPLOYEES & VENT
AREA.SCBA,USE IN ENCLOSED SPACES/POORLY VENTD
Other Precautions:STORE IN COOL, DRY, VENTILATED AREA. CONTAINER CA
N BE
HAZARDOUS WHEN EMPTY (PRODUCT RESIDUE). DO NOT REUSE CONTAINER FOR
FOOD, CLOTHING OR PRODUCTS FOR HUMAN OR ANIMAL CONSUMPTION OR WHERE
SKIN CONTACT MAY OCCUR.

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

Respiratory Protection:>TLV/PEL,WEAR NIOSH/MSHA APPRV'D
EQUIPMENT.CONSULT MFR FOR APPROP TYPE.OBSERVE RESPIRATOR USE
LIMITS.HIGH AIRBORNE CONCENTRATIONS MAY NECESSITATE USE OF SCBA OR
SUPPLIED AIR RESPIRATOR.RESP PROTECT PROGRAM MUST BE IN

COMPLY

W/29CFR1910.134.

Ventilation:GENERAL (DILUTION) VENT MAY BE ACCEPTABLE. LOCAL EXHAUST VENT RECOMMENDED WHEN VAPOR, MIST, DUST CAN BE RELEASED.

Protective Gloves:IMPERVIOUS GLOVES-SEE GLOVE MFR

Eye Protection:WEAR CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:AN EYE WASH FACILITY SHOULD BE READILY AVAILABLE. WEAR PROTECTIVE CLOTHING.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING ESPECIALLY BEFORE EATING, DRINKING, SMOKING OR USING RESTROOM. WASH CONTAMINA

TED GOGGLES*

Supplemental Safety and Health

* FACESHIELD, AND GLOVES. PROFESSIONALLY LAUNDER CONTAMINATED CLOTHING. DISCARD CONTAMINATED SHOES.

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

HCC:T6

Spec Gravity:1.53

Solubility in Water:INSOLUBLE

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

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:NONE KNOWN

Hazardous Decomposition Products:OXIDES OF SULFUR, SMOKE, SOOT, & TOXIC

FUMES (CARBON MONOXIDE & CARBON DIOXIDE), METAL OXIDES.

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

Waste Disposal Methods:IF DISCARDED IN ORIGINAL FORM,MANAGE AT AUTHORIZED FACILITY IN COMPLIANCE W/FED,STATE,LOCAL REQ'MNTS.BE SURE TO CONTACT GOVERNMENT ENVIRONMENTAL AGENCY IF FURTHER GUIDANCE REQ'D.ORDER OF PREFERENCE:1.RECYCLE/REWORK.2.INCINERATE.3.TREAT AT WASTE FACILITY

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

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