

MORTON INTERNATIONAL -- THIOKOL MC-215 BASE COMPOUND -- 8030-01-028-4336

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

Product ID:THIOKOL MC-215 BASE COMPOUND

MSDS Date:07/09/1992

FSC:8030

NIIN:01-028-4336

Kit Part:Y

MSDS Number: BPRMS

=== Responsible Party ===

Company Name:MORTON INTERNATIONAL

Address:100 NORTH RIVERSIDE PLAZA

City:CHICAGO

State:IL

ZIP:60606-1598

Country:US

Info Phone Num:714-373-2837

Emerg

ency Phone Num:800-424-9300 CHEMTREC

Preparer's Name:DAVID B WIENCKOWSKI

CAGE:DO471

=== Contractor Identification ===

Company Name:MORTON INTERNATIONAL; SPECIALTY CHEM GRP

Address:333 WEST WACKER

City:CHICAGO

State:IL

ZIP:60606-1292

Phone:815-338-1800

CAGE:DO471

Company Name:MORTON INTL INC SPECIALTY CHEMICALS GROUP

Address:333 W WACKER DR

City:CHICAGO

State:IL

ZIP:60606-1218

Country:US

Phone:312-807-2000

CAGE:32063

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

Ingred Na

me:NO INGREDIENT FOR THIS FORMULATION_INGREDIENT

===== Hazards Identification =====

Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO

Health Hazards Acute and Chronic:EYE: IRRITATION, PNEUMOCONIOSIS,
MECHANICAL IRRITATION. SKIN: IRRITATION. INGEST: NAUSEA, VOMITING,
GI UPSET. MAY AFFECT THE RESPIRATORY SYSTEM, IMMUNE SYSTEM.
INCREASED BENIGN & MALIGNANT TUMORS INHA L: WHEEZING, CHEST PAIN
AND PROGRESSIVEIMPAIRMENT OF PULMONARY FUNCTION.

Ex

planation of Carcinogenicity:CHRYSTALLINE SILICA,FORMALDEHYDE &
ETHYLENE LISTED BY CALIF-PROP 65 AS CAUSING CANCER,BIRTH
DEFECTS,OTHER REPROD HARM.

Medical Cond Aggravated by Exposure:EXPOSURE TO THIS PRODUCT IS NOT
EXPECTED TO CONTRIBUTE TO, WORSEN, OR AGGRAVATE ANY EXISTING
MEDICAL CONDITION.

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

First Aid:EYES:LUSH W/WATER 15 MIN.IF IRRIT DEVELOPS,SEE DR.

SKIN:REMOVE CONTAM CLOTHING/SHOES. WASH AFFECTED ARE
A W/SOAP &

WATER. IF IRRIT DEVELOPS, SEE DR. INHAL: REMOVE TO FRESH AIR. IF
SYMPTOMS DEVELOP, GET IMMED MED AID. IF NOT BREATHING, GIVE ARTIF
RESP (MOUTH TO MOUTH). INGEST: GET MED AID. UNLESS ADVISED, INDUCE
VOMIT (IPECAC/FINGER IN THROAT). NOTHING BY MOUTH TO DROWSY,
UNCONSCIOUS/NO GAG REFLEX.

===== Fire Fighting Measures =====

Flash Point Method:SCC

Flash Point:>200F,>93C

Extinguishing Media:USE AGENT APPROVED FOR CLASS A HAZARD (EG

HALOGENATED AGENTS, FOAM, STEAM) OR WATER FOG.

Fire Fighting Procedures:THOSE EXPOSED SHOULD BE EQUIPPED W/NIOSH
POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS & FULL
PROTECTIVE CLOTHING.

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

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

===== Handling and

Storage =====

Handling and Storage Precautions:FOLLOW GOOD MANUFACTURING AND HANDLING PRACTICES. CONTAINERS CAN BE HAZARDOUS WHEN EMPTY BECAUSE IT CAN RETAIN PRODUCT RESIDUES.

Other Precautions:DONT REUSE CONTAINER FOR FOOD, CLOTHING OR PRODUCTS FOR HUMAN OR ANIMAL CONSUMPTION OR WHERE SKIN CONTACT MAY OCCUR. PROD CONTAINS LESS THAN .1% FORMALDEHYDE, WHICH CAN ACCUMULATE IN HEADSPACE OF SEAL ED CNTNRS. MAINTAIN ADEQUATE VENT.

===== Exposure Contro

Is/Personal Protection =====

Respiratory Protection:RESP PROTECT NOT USUALLY REQ'D. ABOVE TLV, WEAR NIOSH/MSHA EQUIP. CONSULT RSPRTR MFR FOR APPROP RSPRTR. IF HIGH AIRBORNE CONC, MAY NEED SCBA OR SUPPLIED AIR RSPRTR. OBSERVE RSPRTR USE LIMITATIONS. RES P PROTECT PROGRAM (29 CFR 1910.134).

Ventilation:KEEP AIRBORNE CONC BELOW TLV, W/VENT. GENERAL (DILUTION) VENT ACCEPTABLE, LOCAL EXHAUST RECOMMENDED FOR VAPOR,MIST,DUST.

Protective Gloves:APPROP IMPERVIOUS GLOVES (SEE GLOVE MFR)

Eye Protection:CHEM SPLSH GOGGLES,SFTY GLASSES W/SDSHLD

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

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING, BEFORE EATING, DRINKING, USING RESTROOM. CLEAN & DRY CONTAM CLOTH &SHOES BEFORE REUSE.

Supplemental Safety and Health

* TREAT AT AN ACCEPTABLE WASTE TREATMENT FACILITY.

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

Spec Gravity:1.54 (WATER=1)

Solubility in Water:INSOLUBLE

Appearance and Odor:RED COLORED, PASTE; SULFIDE ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES
NONE KNOWN

Hazardous Decomposition Products:PHENOLICS, OXIDES OF NITROGEN, OXIDES OF SULFUR, SMOKE, SOOT, TOXIC FUMES (CO, CO2), HYDROGEN SULFIDE

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

Waste Disposal Methods:IF ORIG UNUSED FORM, STORE

/TREAT/DISPOSE/ETC

PRODUCT AT AUTHORIZED FACILITY,IN COMPLY W/FED,STATE & LOCAL
REQ'MENTS.CONTACT GOVERNMENTAL AGENCIES IF MORE INFO
NEEDED.ALTERNATIVES IN ORDER OF PREFERENCE:

1.RECYCLE/REWORK.2.INCINERATE AT AUTHORIZED FACILITY.*

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