

MORTON INTERNATIONAL, INC -- THIOKOL MC-275 CLASS -- 8030-00-602-0039

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

Product ID:THIOKOL MC-275 CLASS

MSDS Date:05/28/1992

FSC:8030

NIIN:00-602-0039

Kit Part:Y

MSDS Number: BRGKD

=== Responsible Party ===

Company Name:MORTON INTERNATIONAL, INC

Address:100 NORTH RIVERSIDE PLAZA

City:CHICAGO

State:IL

ZIP:60606

Country:US

Info Phone Num:312-807-3422/ 714-373-2837 EXT 11

Emergency Phone Num:800-424-9300 CHEMTREC

Preparer's Name:D

AVID B WIENCKOWSKI, DABT

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 Name:LIMESTONE/CALCIUM CARBONATE

CAS:1317-65-3

RTE

CS #:EV9580000  
Fraction by Wt: 30-60%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15MG/M3 TOTAL PARTIC  
ACGIH TLV:10MG/M3 TOTAL PARTIC

Ingred Name:LIMESTONE/CALCIUM CARBONATE  
CAS:471-34-1  
RTECS #:FF9335000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15MG/M3 TOTAL PARTIC  
ACGIH TLV:10MG/M3 TOTAL PARTIC

Ingred Name:TITANIUM DIOXIDE  
CAS:13463-67-7  
RTECS #:XR2275000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name  
:FORMALDEHYDE (SARA III)  
CAS:50-00-0  
RTECS #:LP8925000  
Fraction by Wt: 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 WHO MAY BE EXPOSED TO  
THE PRODUCT OF COMBUSTION SHOULD BE EQUIPPED WITH NIOSH APPROVED  
POSITIVE PRESSURE SCBA & FULL PROTECTIVE CLOTHING.  
Unusual Fire/Explosion Hazard:NONE KNOWN.

===== Accidental Release Measures =====  
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Spill Release Procedures:SHOVEL/VACUUM SPILL. PLACE IN CLOSED  
CONTAINERS. DONT FLUSH TO SEWER, STREAM, OTHER BODIES OF WATER. IF  
AIRBORNE CONCENTRATIONS EXCEED TLV/PEL, EVACUATE EMPLOYEES. VENT  
AREA. USE SUPPLD AIR RSPRTR OR SCBA FOR ENCLOSED SPACE OR  
W/INADEQUATEVENT.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED  
AREA. FOLLOW GOOD MANUFACTURING & HANDLING PRACTICES.  
Other Precau

tions:THIS CONTAINER CAN BE HAZARDOUS WHEN EMPTY, BECAUSE  
IT CAN RETAIN PRODUCT RESIDUES. THEREFORE, 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:ABOVE TLV/PEL, WEAR NIOSH/MSHA EQUIP FOR  
SPECIFIC APPLICATION (SEE RESPIRATOR MFR). OBEY RESPIRATOR  
LIMITATIONS SPECIFIED BY NIOSH/MSHA OR MFR. HIGH CONC USE  
SCBA  
/SUPPLD AIR RESPIRATOR. FOR RESP PROTECT C PROGRAMS SEE 29 CFR  
1910.134.

Ventilation:KEEP BELOW TLV/PEL W/ADEQUATE VENT. GENERAL (DILUTN) VENT  
ACCEPTABLE. LOCAL EXHAUST RECOMM WHEN VAPOR/MIST/DUST RELEASED

Protective Gloves:USE OF PROTECTIVE GLOVES RECOMMENDED.

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

Other Protective Equipment:AN EYE WASH FACILITY SHOULD BE READILY  
AVAILABLE. SKIN EXPOSURE SHOULD BE MINIMIZED. USE OF PROTECT  
CLOTHING RECOMMENDED

Supplemental Safety  
and Health

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

Spec Gravity:1.61 (WATER=1)

Solubility in Water:INSOLUBLE

Appearance and Odor:LIGHT COLORED, OFF-WHITE PASTE; SULFIDE ODOR

Percent Volatiles by Volume:97(WT)

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

Stability Indicator/Materials to Avoid:YES

NONE KNOWN

Hazardous Decomposition Products:IF HEATED TO HIGH TEMPERATURES, MAY  
EMIT: PHENOLICS, OXIDES OF SULFUR, SMOKE, SOOT, & TOXIC FUMES (  
CO &  
CO2).

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

Waste Disposal Methods:RECYCLE/REWORK; INCINERATE AT AUTHORIZED  
FACILITY; OR TREAT AT WASTE TREATMENT FACILITY. MANAGE  
(STORE/TREAT/DISPOSE/ETC) AT AUTHORIZED FACILITY, IN COMPLIANCE  
W/FED, STATE, LOCAL REQUIREMENTS. CONTACT GOVERNMENTAL AGENCIES IF  
FURTHER GUIDANCE REQ'D

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