

MORTON INTL INC SPECIALTY CHEMICALS GROUP -- A-31, PART B -- 8040-01-302-8254

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Product Identification  
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Product ID:A-31, PART B

MSDS Date:03/09/1990

FSC:8040

NIIN:01-302-8254

Kit Part:Y

MSDS Number: BVZLV

=== Responsible Party ===

Company Name:MORTON INTL INC SPECIALTY CHEMICALS GROUP

Address:333 W WACKER DR

City:CHICAGO

State:IL

ZIP:60606-1218

Country:US

Info Phone Num:312-807-2000

Emer

gency Phone Num:312-807-2000

Preparer's Name:DAVID B. WIENCKOWSKI,DABT

CAGE:32063

=== Contractor Identification ===

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

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Composition/Information on Ingredients  
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Ingred Name:CALCIUM CARBONATE (MARBLE) (LIMESTONE)

CAS:1317-65-3

RTECS #:EV9580000

Fraction by Wt: 60-90%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:15 MG/M

3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9394

Ingred Name:POLYAMINE (PROPRIETARY MATERIAL)  
Fraction by Wt: 5-10%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:EPOXY RESIN HARDENER (PROPRIETARY MATERIAL)  
Fraction by Wt: 5-10%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:TRIETHYLENE TETRAMINE/3,6-DIAZAOCTANE-1,8-DIAMINE  
CAS:112-24-3  
RTECS #:YE6650000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:SILICA GEL  
CAS:112945-52-5  
RTECS #:VV7310000  
Fraction by Wt: 1-5%  
Other REC Limits:N  
ONE RECOMMENDED  
OSHA PEL:6 MG/M3  
ACGIH TLV:10 MG/M3

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 1600MG/KG(INGRED 4)  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:CORROSIVE!EYES:MAY CAUSE BURNS OR  
INJURY.SKIN:MAY CAUSE BURN,INJURY OR SENSITIZATION.INGEST:MAY CAUSE  
BURNS TO GI TRACT.INHAL:MAY CAUSE RESPIRATORY IRRITATION.  
Explanatio  
n of Carcinogenicity:AMORPHOUS SILICA IS LISTED BY IARC WITH  
INSUFFICIENT EVIDENCE OF BEING CARCINOGENIC.  
Effects of Overexposure:EYE/SKIN/INHAL/INGEST:IMMEDIATE ACTION IS  
CORROSION OF TISSUE;SECONDARY ACTION IS ALLERGIC SENSITIZATION.  
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN,EYE  
RESPIRATORY AILMENTS,IMMUNE DYSFUNCTION OR CHEMICAL ALLERGIES MAY  
BE AT INCREASED RISK FROM EXPOSURE.

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

Firs

t Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING. GET PROMPT QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,GIVE PLENTY OF WATER;AVOID CARBONATED DRINKS.DO NOT ATTEMPT TO NEUTRALIZE INGESTED MATERIAL WITH WEAK ACID!

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

Flash Point Method:SCC

Flash Point:>200F,>

93C

Extinguishing Media:WATER FOG,DRY CHEMICAL,CARBON DIOXIDE,FOAM.WATER SPRAY MAY CAUSE FROTHING.

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:ELIMINATE SOURCES OF IGNITION.USE PROPER RESPIRATORY AND PROTECTIVE EQUIPMENT.SHUT OFF LEAK IF SAFE.DIKE.SOAK UP WITH A NON

-COMBUSTIBLE INERT

ABSORBANT(CLAY,SAND);PLACE IN PROPER CONTAINER FOR DISPOSAL.WASH SPILL AREA TO REMOVE SLIPPINESS.

Neutralizing Agent:WEAK ACID(VINEGAR,ACETIC ACID).

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

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED PLACE BELOW 120F.KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions: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.

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

Protective Gloves:RUBBER

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLO

THES FROM STREET

CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health

KEY1;C2.

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

HCC:B2

Boiling Pt:=260.C, 500.F

Vapor Pres:1

Spec Gravity:>1

pH:12

Evaporation Rate & Reference: