

AMERICAN SAFETY TECHNOLOGIES INC -- MS-375G, BASE COMPONENT -- 8010-01-397-3820

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Product Identification
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Product ID:MS-375G, BASE COMPONENT
MSDS Date:08/04/1998
FSC:8010
NIIN:01-397-3820
Status Code:A
MSDS Number: CKZDQ
=== Responsible Party ===
Company Name:AMERICAN SAFETY TECHNOLOGIES INC
Address:565 EAGLE ROCK AVE
City:ROSELAND
State:NJ
ZIP:07068
Country:US
Info Phone Num:973-403-2600

Emergency Phone Num:1-800-424-9300
Preparer's Name:ERNEST CARTER
Chemtec Ind/Phone:(800)424-9300
CAGE:88444
=== Contractor Identification ===
Company Name:AMERICAN SAFETY TECHNOLOGIES INC
Address:565 EAGLE ROCK AVE
Box:City:ROSELAND
State:NJ
ZIP:07068
Country:US
Phone:973-403-2600
CAGE:88444

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Composition/Information on Ingredients
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Ingred Name:ALUMINO SILICATE MINERAL
CAS:37244-96-5
Code:F
Minumum % Wt:10.
Maxumum % Wt:25.

Ingred Name:1-METHOXY-2-PROPANOL
CAS:107

-98-2
RTECS #:UB7700000
< Wt:4.
ACGIH TLV:369 MG/M3;100 PPM
ACGIH STEL:553 MG/M3;150 PPM

Ingred Name:LIGHT AROMATIC SOLVENT NAPHTHA (PETROLEUM)
CAS:64742-95-6
RTECS #:WF3400000
< Wt:4.

Ingred Name:CALCIUM METASILICATE
CAS:13983-17-0
Code:F
RTECS #:ZC9750000
Minumum % Wt:5.
Maxumum % Wt:10.

Ingred Name:METHYL N-AMYL KETONE
CAS:110-43-0
RTECS #:MJ5075000
Minumum % Wt:3.
Maxumum % Wt:8.
OSHA PEL:465 MG/M3;100 PPM
ACGIH TLV:233 MG/M3;50 PPM

Ingred Name:SB 20 (EPOXY RESIN)
CAS:25068-38-6
RT
ECS #:CE6880000
Minumum % Wt:8.
Maxumum % Wt:12.

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:EYES: IRRITANT, AGGREGATE MAY CAUSE
INJURY. SKIN: MAY CAUSE MODERATE IRRITATION AND SENSITIZATION
INHALATION: VAPORS MAY CAUSE HEADACHES, NAUSEA, DIZZINESS AND
RESPIRATORY IRRIATATION. INGESTION: NO S PECIFIC INFORMATION
AVAILABLE. CONTAINS MATERIALS THAT MAY BE SLIGHTLY TO

XIC.

Effects of Overexposure:IRRITATION, SENSITIZATION AND DERMATITIS.

Medical Cond Aggravated by Exposure:ALLERGY, ECZEMA AND OTHER SKIN CONDITIONS.

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

First Aid:EYES: FLUSH WITH LARGE QUANTITIES OF WATER FOER AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.WASH CONTACT AREA WITH MILD SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, ADMINISTER ARTIFI
CIAL RESPIRATION AND SEEK MEDICAL ATTENTION. INGETSION: DO NOT INDUCE VOMITING (CONTAINS SOLVENT). GET MEDICAL ATTENTION.

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

Flash Point Method:CALC

Flash Point:=-38.C, 100.4F

Lower Limits:1.6

Upper Limits:11.8

Extinguishing Media:DRY CHEMICAL OR CHEMICAL FOAM

Fire Fighting Procedures:REMOVE ALL IGNITION SOURCES. WEAR COMPLETE PERSONAL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS WHERE POTENTIAL FOR EXPOSURE TO VAPORS OR PRODUCTS OF COMBUSTION EXISTS.

Unusual Fire/Explosion Hazard:CLOSED CONTAINERS MAY RUPTURE (DUE TO BUILD UP OF PRESSURE) WHEN EXPOSED TO EXTREME HEAT. DECOMPOSITION AND COMBUSTION PRODUCTS MAY BE TOXIC

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

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. DIKE SPILL. ABSORB WITH INERT MATERIAL AND COLLECT FOR DISPOSAL.

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

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Handling and Storage Precautions:AVOID ALL PERSONAL CONTACT. DO NOT EXCEED 110 F/43 C IN STORAGE AREA. GROUND AND BOND METAL CONTAINERS FOR LIQUID TRANSFER TO AVOID STATIC SPARKS.

Other Precautions:A SAFETY SHOWER AND EYE WASH FACILITY SHOULD BE AVAILABLE TO EMPLOYEES.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE IF REQUIRED.

Ventilation:EXPLOSION-PROOF MECHANICAL VE

NTILATION AND LOCAL EXHAUST
ARE RECOMMENDED

Protective Gloves:IMPERVIOUS GLOVES

Eye Protection:CHEMICAL SPLASH-PROOF GOGGLES

Other Protective Equipment:IN OPERATIONS WHERE CONTACT MAY OCCUR,
COVERALLS, APRON AND IMPERVIOUS FOOT COVERING ARE RECOMMENDED

Supplemental Safety and Health

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

Boiling Pt.=116.C, 240.8F

Vapor Pres:8MMHG @ 68 F/20 C

Vapor Density:3.1 (AIR=1

Spec Gravity:2.1

Evaporation Rate & Reference:0.5 (BU

TYL ACETATE=1)

Solubility in Water:SLIGHT

Appearance and Odor:PIGMENTED VICOUS PASTE, MILD ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:EXCESSIVE HEAT

Hazardous Decomposition Products:CARBON MONOXIDE,CARBON DIOXIDE AND
ALDEHYDES.

Conditions to Avoid Polymerization:WILL NOT OCCUR

===== Toxicological Information =====

Toxicological Inform

ation:METHYL ISOBUTYL KETONE: LD50 10 G/KG (DER.

RAB.) LC50 4000 PPM (INHALE.RAT) PROPYLENE GLYCOL: LD50 12G/KG

(DERMAL RAB.) LC50 3000 PPM (INHALE. RAT) TITANIUM DIOXIDE: LD50

10G/KG (DERMAL RABBIT), LC50 6820PPM (INHALE, RAT) XYLENE: LD50

3.9G/KG (DERMAL, RABBIT) LC50 6700PPM (INHALE, RAT) EPOXY RESIN:

LD50 20.0G/KG (DERMAL, RABBIT)

===== Ecological Information =====

Ecological:EPA WAST NO.: D001

===== Disposal

Considerations =====

Waste Disposal Methods:THIS PRODUCT, IF DISPOSED AS SHIPPED, MEETS EPA CRITERIA OF A HAZARDOUS WASTE AS SPECIFIED IN 40 CFR 261 ON THE BASIS OF ITS IGNITABILITY. DISPOSE OF IN LICENSED HAZARDOUS WASTE FACILITY IN ACCOURDANC E WITH APPLICBLE LAWS.

===== MSDS Transport Information =====

Transport Information:DOT: PAINT, DOT: FLAMMABLE UN# 1263

===== Regulatory Information =====

SARA Title III Information:ALL INGREDIENTS ARE ON TSCA INVENTORY OR ARE EXEMPT. (SARA, CERCLA, HAPS) TOXIC CHEMICAL SUBJECT TO REPORTING REQUIRMENTS OF SARA AND CERCLA (40 CFR 302, 355, 372) OR HAPS (40 CFR 63)

State Regulatory Information:CALIFORNIA PROPOSITION 65: WARNING! THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER. # CALIF. TITLE 26: 22-12000 (PROP 65). WARNING! THIS PRODUCT CONTAINS A CH EMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. 1) ALUMINO SILICATE 2) XYLENE 3) EPOXY RESIN 4) MALAMINE FORMALDEHYDE RESIN

===== Other Information =====

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