

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

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

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:973-403-260

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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

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

Ingred Name:ALUMINO SILICATE MINERAL

CAS:37244-96-5

Code:F

Minumum % Wt:10.

Maxumum % Wt:25.

Ingred Name:1-METHOXY-2-PROPANOL

CAS:10

7-98-2  
RTECS #:UB7700000  
&lt; 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  
&lt; 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  
R  
TECS #: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 T

OXIC.

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 ARTIF  
ICIAL 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 V

ENTILATION 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 (B

UTYL 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 Infor

mation: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 =====

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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 CA LIFORNIA

TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. 1) ALUMINO SILICATE 2) XYLENE 3) EPOXY RESIN 4) MALAMINE FORMALDEHYDE RESIN

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

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

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