

AMERICAN SAFETY TECHNOLOGIES INC -- MS-7C HARDENER COMPONENT -- 8010-01-397-3986

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

Product ID:MS-7C HARDENER COMPONENT

MSDS Date:07/14/1998

FSC:8010

NIIN:01-397-3986

Kit Part:Y

MSDS Number: CJHQZ

=== Responsible Party ===

Company Name:AMERICAN SAFETY TECHNOLOGIES INC

Address:565 EAGLE ROCK AVE

City:ROSELAND

State:NJ

ZIP:07068-1501

Country:US

Info Phone Num:973-403-

2600/FAX 201-403-1108

Emergency Phone Num:973-403-2600

Resp. Party Other MSDS Num.:0076

Preparer's Name:J. HERMELE

Chemtrec 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:POLYAMIDE/EPOXY ADDUCT

CAS:68424-41-9

Minumum % Wt:60.

Maxumum % Wt:80.

Ingred Name:AMIDOAMINE RESIN
CAS:68443-08-3
Minumum % Wt:5.
Maxumum % Wt:10.

Ingred Name:1-METHOXY-2-PROPANOL
CAS:107-98-2
RTECS #:UB7700000
Minumum % Wt:20.
Maxumum % Wt:35.
OSHA PEL:100PPM
ACGIH TLV:369 MG/M3;100 PPM
ACGIH STEL:553 MG/M3;150 PPM

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute
and Chronic:EYES: CAUSES SEVERE IRRITATION OR
BURNS. MAY CAUSE PERMANENT VISUAL IMPAIRMENT. SKIN: CAUSES SEVERE
IRRITATION OR BURNS. MAY BE ABSORBED THROUGH SKIN IN HARMFUL
AMOUNTS. INHALATION: MAY CAUSE UPPER RE SPIRATORY TRACT IRRITATION.
INGESTION: MAY CAUSE BURNS OF MOUTH AND THROAT. CONTAINS MATERIAL
THAT MAY BE SLIGHTLY TOXIC. OVEREXPOSURE EFFECTS: IRRITATION,
SENSITIZATION AND DERMATITIS.
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:SEE HEAL
TH HAZARDS.
Medical Cond Aggravated by Exposure:ALLERGY, ECZEMA AND OTHER SKIN
CONDITIONS.

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

First Aid:EYES: FLUSH WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15
MINUTES. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.
WASH CONTACT AREA WITH MILD SOAP AND WATER. INHALATION: REMOVE TO
FRESH A IR. IF SYMPTOMS PERSIST CONSULT MD. INGESTION: DO NOT
INDUCE VOMITING. IF CONSCIOUS, GIVE LARGE QUANTITIES

OF WATER TO
DILUTE. GET MEDICAL ATTENTION.

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

Flash Point Method:PMCC

Flash Point:=34.4C, 94.F

Lower Limits:1.5%

Upper Limits:10.9%

Extinguishing Media:DRY CHEMICAL, CHEMICAL FOAM, CARBON DIOXIDE OR
WATER.

Fire Fighting Procedures:USE NIOSH APPROVED SCBA AND FULL PROTECTIVE
EQUIPMENT . REMOVE ALL SOURCES OF IGNITION.

Unusual Fire/Explosion Hazard:DECOMPOSITION AND COMBUSTION PRODUCTS MAY
BE TOXIC.

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION, DIKE SPILL.
ABSORB WITH INERT MATERIAL AND COLLECT FOR DISPOSAL. FLUSH
CONTAMINATED AREA WITH DILUTE (5%) ACETIC ACID AND COLLECT RINSATE
FOR DISPOSAL.

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

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

RANSFER TO AVOID STATIC SPARKS.

Other Precautions:IMMEDIATELY REMOVE AND THOROUGHLY LAUNDER
CONTAMINATED CLOTHING BEFORE REUSE.

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

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

Ventilation:EXPLOSION-PROOF MECHANICAL VENTILATION & LOCAL EXHAUST
RECOMMENDED. MECHANICAL EXHAUST IS NOT RECOMMENDED AS THE SOLE
MEANS OF CONTROLLING EMPLOYEE EXPOSURE.

Protective Gloves:IMPERVI

OUS GLOVES.

Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES AND FULL LENGTH
FACESHIELD .

Other Protective Equipment:EYE WASH & DELUGE SHOWER MEETING ANSI DESIGN
CRITERIA . IN OPERATIONS WHERE CONTACT MAY OCCUR COVERALLS, APRON
&IMPERVIOUS FOOT COVERING ARE RECOMMENDED.

Supplemental Safety and Health

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

Boiling Pt:=120.C, 248.F

Vapor Pres:12.5 MM HG

Vapor Density:3.12

Spec Gravity:0.96

Evaporation Rate & Ref

erence:0.83 (BUTYL ACETATE =1)

Solubility in Water:PARTIALLY SOLUBLE

Appearance and Odor:AMBER LIQUID; SOLVENT 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,
ALDEHYDES AND OXIDES OF NITROGEN.

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

Waste Disposal Methods:THI

S PRODUCT, IF DISPOSED AS SHIPPED, MEETS EPA

CRITERIA OF HAZARDOUS WASTE AS SPECIFIED IN 40 CFR 261 ON BASIS OF
ITS IGNITABILITY. DISPOSE OF IN A LICENSED HAZARDOUS WASTE FACILITY
IN ACCORDANCE WIT H APPLICABLE FEDERAL, STATE AND LOCAL LAWS.

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

Transport Information:DOT SHIPPING CLASSIFICATION (49 CFR 172.101):
PAINT, 3, UN1263, III.

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

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e III Information:SECTION 313 SUPPLIER INFORMATION: THIS
PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) SUBJECT TO THE REPORTING
REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY
RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372. THIS INFORMATION MUST
BE INCLUDED IN ALL MSDS'S THAT ARE COPIED AND DISTRIBUTED FOR THIS
MATERIAL. CHEMICAL NAME: NONE.

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

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