

AMERICAN SAFETY TECHNOLOGIES INC -- MS-7C, MS-10C HARDENER COMPONENT --  
8010-01-397-3986

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

Product ID:MS-7C, MS-10C HARDENER COMPONENT

MSDS Date:07/14/1998

FSC:8010

NIIN:01-397-3986

Status Code:A

MSDS Number: CLFNC

=== Responsible Party ===

Company Name:AMERICAN SAFETY TECHNOLOGIES INC

Address:565 EAGLE ROCK AVE

City:ROSELAND

State:NJ

ZIP:07068

Country:US

Info Pho

ne Num:973-403-2600

Emergency Phone Num:1-800-424-9300

Preparer's Name:ERNEST CARTER

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

Code:F

Minumum % Wt:60.

Maxumum % Wt:80.

Ingred Name:AMIDOAMINE

RESIN  
CAS:68443-08-3  
Code:F  
Minumum % Wt:5.  
Maxumum % Wt:10.

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

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

LD50 LC50 Mixture:NONE  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Health Hazards Acute and Chronic:EYES: CAUSES SEVERE IRRITATION OR  
BURNS. SKIN: CAUSES SEVERE IRRITATION OR BURNS. INHALATION:  
MAY  
CAUSE UPPER RESPIRATORY TRACT IRRITATION. INGESTION: MAY CAUSE  
BURNS OF MOUTH AND THROAT.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:IRRITATION, SENSITIZATION AND DERMATITIS.  
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: WASH CONTACT AREA WITH MILD  
SOAP AND WATER.INHALATION: REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST  
CONSULT A PHYSICIAN.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  
Autoignition Temp:Autoignition Temp Text:NONE  
Lower Limits:1.5  
Upper Limits:10.9  
Extinguishing Media:DRY CHEMICAL, CHEMICAL FOAM, CARBON DIOXIDE OR  
WATER.  
Fire

Fighting Procedures: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:DECOMPOSITION AND COMBUSTION PRODUCTS MAY BE TOXIC.

===== 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 RINSAFE FOR DISPOSAL.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:NONE

Other Precautions:NONE

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

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

Ventilation:EXPLOSION PROOF MECHANICALVENTILATION AND LOCAL EXHAUST RECOMMENDED.

Protective Gloves:IMPE

RVIOUS GLOVES.

Eye Protection:CHEMICAL SPLASH PROOF GOGGLES.

Other Protective Equipment:COVERALLS, APRON AND IMPERVIOUS FOOT COVERING ARE RECOMMENDED.

Work Hygienic Practices:NONE

Supplemental Safety and Health

A SAFETY SHOWER AND EYE WASH FACILITY SHOULD BE AVAILABLE TO EMPLOYEES. IMMEDIATELY REMOVE AND THOROUGHLY LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

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

Boiling Pt:=120.C, 248.F

Melt/Freeze Pt:M.P/F.P Text:NON

E

Decomp Temp:Decomp Text:NONE

Vapor Pres:12.5MMHG

Vapor Density:3.12

Spec Gravity:0.96

Evaporation Rate & Reference: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 OXI

DES OF NITROGEN.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== 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  
BASES OF ITS IGNITABILITY. DISPOSE OF IN A LICENSED HAZARDOUS WASTE  
FACILITY IN ACCORDANCE WITH APPLICABLE LAWS.

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

Transport Information:DOT SHI

PPING CLASSIFICATION (49 CFR 172.101):

PAINT, 3, UN1263, III.

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

SARA Title 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  
MATERI

AL. CHEMICAL NAME: NONE.

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

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