

AMERICAN SAFETY TECHNOLOGIES INC -- MS-400 UV / MS-660 HARDENER COMPONENT --
8010-01-397-3986

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

Product ID:MS-400 UV / MS-660 HARDENER COMPONENT

MSDS Date:07/14/1999

FSC:8010

NIIN:01-397-3986

Status Code:A

MSDS Number: CLFMQ

=== 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

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:AMINE RESIN

Minumum % Wt:75.

Maxumum % Wt:100.

Ingred Name:HYDROXYLATED AMINE

CAS:90-72-2

Cod

e:F
RTECS #:SN3500000
Minumum % Wt:10.
Maxumum % Wt:25.

Ingred Name:AMORPHOUS SILICA
Minumum % Wt:5.
Maxumum % Wt:10.

===== 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 THR
OAT.
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: REMOVE CONTAMINATED CLOTHING.
WASH CONTACT AREA WITH MILD SOAP AND WATER FOR 15
MINUTES.INHALATION: REMOV E TO FRESH AIR. I
F 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:SCC
Flash Point:=110.C, 230.F
Autoignition Temp:Autoignition Temp Text:NONE
Lower Limits:NONE
Upper Limits:NONE
Extinguishing Media:DRY CHEMICAL, CHEMICAL FOAM, CARBON DIOXIDE OR
WATER.
Fire Fighting Procedures:WEAR SELFCONTAINED BREATHING APPARAT

US AND

COMPLETE PERSONAL PROTECTIVE EQUIPMENT 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:ABSORB WITH INERT MATERIAL AND COLLECT FOR DISPOSAL. FLUSH CONTAMINATED AREA WITH DILUTE(5%) ACETIC ACID AND COLLECT RINSAFE FOR DISPOSAL.

Neutralizing Agent:NONE

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== Handling and Storage =====

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:NONE

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

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

Ventilation:LOCAL EXHAUST RECOMMENDED.

Protective Gloves:IMPERVIOUS RUBBER OR PLASTIC GLOVES.

Eye Protection:CHEMICAL SPLASH PROOF GOGGLES.

Other Protective Equipment:IN OPERATIONS WHERE CONTACT MAY OCCUR, 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 P

t:B.P. Text:NONE
Melt/Freeze Pt:M.P/F.P Text:NONE
Decomp Temp:Decomp Text:NONE
Spec Gravity:090
Evaporation Rate & Reference:(BUTYL ACETATE=1)
Solubility in Water:SLIGHT
Appearance and Odor:YELLOW PAS AMMONIACAL 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 N
ITROGEN.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicological Information: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. IS NOT A
HAZARDOUS WASTE AS SPECIFIED IN 40 CFR 261 CONSULT STATE OR LOCAL
OFFICIALS FOR PROPER DISPOSAL METHOD.

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

Transport Information:DOT: PAINT, DOT: FLAMMABLE UN# 12

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

SARA Title III Information: ALL INGREDIENTS ARE ON TSCA INVENTORY OR ARE EXEMPT. (SARA, CERCLA, HAPS) TOXIC CHEMICAL SUBJECT TO REPORTING REQUIREMENTS 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). W

ARNING!

THIS PRODUCT CONTAINS A CHEMICAL 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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