

SHERWIN-WILLIAMS CO -- MIL-P-53022B, TY II, PART B, EPOXY POLYAMIDE PRIMER --
8010-01-309-0328

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

Product ID:MIL-P-53022B, TY II, PART B, EPOXY POLYAMIDE PRIMER

MSDS Date:07/06/1998

FSC:8010

NIIN:01-309-0328

Status Code:A

MSDS Number: CLFFT

=== Responsible Party ===

Company Name:SHERWIN-WILLIAMS CO

Address:630 E 13TH ST

City:ANDOVER

State:KS

ZIP:67002

Country:US

Info Phone Num:216-566-2917

Emergency Phone Num:216-566-2917

Prepar

er's Name:HENRY SIMMONS

CAGE:1BGY0

=== Contractor Identification ===

Company Name:SHERWIN-WILLIAMS CO

Address:630 E 13TH ST

Box:City:ANDOVER

State:KS

ZIP:67002

Country:US

Phone:216-566-2902;216-566-2917

CAGE:1BGY0

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

Ingred Name:TOLUENE

CAS:108-88-3

RTECS #:XS5250000

= Wt:21.

OSHA PEL:SEE TABLE Z-2

ACGIH TLV:188 MG/M3;50 PPM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:1-BUTANOL

CAS:71-36-3

RTECS #:EO1400000

= Wt:2.

OS

HA PEL:300 MG/M3;100 PPM
ACGIH STEL:C152 MG/M3;C50 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:PHENYLMETHANOL
CAS:100-51-6
RTECS #:DN3150000
= Wt:4.

Ingred Name:METHYL ETHYL KETONE
CAS:78-93-3
RTECS #:EL6475000
= Wt:12.
OSHA PEL:590 MG/M3;200 PPM
ACGIH TLV:590 MG/M3;200 PPM
ACGIH STEL:885 MG/M3;300 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL N-PROPYL KETONE
CAS:107-87-9
RTECS #:SA7875000
= Wt:19.
OSHA PEL:700 MG/M3;200 PPM
ACGIH TLV:705 MG/M3;200 PPM
ACGIH S
TEL:881 MG/M3;250 PPM

Ingred Name:METHYL ISOBUTYL KETONE
CAS:108-10-1
RTECS #:SA9275000
= Wt:1.
OSHA PEL:410 MG/M3;100 PPM
ACGIH TLV:205 MG/M3;50 PPM
ACGIH STEL:307 MG/M3;75 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:TRI (DIMETHYLAMINOMETHYL) PHENOL
= Wt:1.

Ingred Name:4,4'-ISOPROPYLIDENEDIPHENOL
CAS:80-05-7
RTECS #:SL6300000
= Wt:4.

Ingred Name:1-METHOXY-2-PROPYL ACETATE
CAS:108-65-6
RTECS #:AI8925000
= Wt:13.

Ingred Name:DIETHYLENETRIAMINE
CAS:111-40-0
RTECS #:IE1225000
= W

t:4.
ACGIH TLV:4.2 MG/M3;1 PPM

Ingred Name:EPOXY POLYMER
= Wt:3.

Ingred Name:POLYAMIDE
= Wt:4.

Ingred Name:POLYAMINE
= Wt:10.

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:ACUTE: IRRITATION OF EYES, SKIN AND
RESPIRATORY SYSTEM. MAY CAUSE NERVOUS SYSTEM DEPRESSION. EXTREME
OVEREXPOSURE MAY RESULT IN UNCONSCIOUSNESS AND POSSIBLY DEATH.
CHRONIC: METHYL ETHYL KETONE MAY I
NC REASE THE NERVOUS SYSTEM
EFFECTS OF OTHER SOLVENTS. PROLONGED OVEREXPOSURES TO SOLVENT
INGREDIENTS IN SECTION II MAY CAUSE ADVERSE EFFECTS TO THE LIVER,
URINARY, BLOODS FORMING, CARDIOVASCULAR, NERVO US AND REPRODUCTIVE
SYSTEMS. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED
OVEREXPOSURES TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM
DAMAGE.
Effects of Overexposure:HEADACHE, DIZZINESS, NAUSEA, AND LOSS OF
COORDINATION ARE INDICATIONS OF EXCESSIVE EXPOSURES T
O VAPORS OR
SPRAY MISTS. REDNESS AND ITCHING OR BURNING SENSATION MAY
INDICATE EYE OR EXCESSIVE SKIN EXP OSURE.
Medical Cond Aggravated by Exposure:MAY CAUSE ALLERGIC SKIN REACTION IN
SUSCEPTIBLE PERSONS.

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

First Aid:IF INHALED: IF AFFECTED, REMOVE FROM EXPOSURE. RESTORE
BREATHING. KEEP WARM AND QUIET. SKIN: WASH AFFECTED AREAS
THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND
LAUNDR B

BEFORE RE-USE . EYES: FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SWALLOWED: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DO NOT INDUCE VOMITING. GIVE CONSCIOUS PATIENT SEVERAL GLASSES OF WATER. SEEK MEDICAL ATTENTION

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

Flash Point Method:PMCC

Flash Point:=-6.1C, 21.F

Lower Limits:1.0

Upper Limits:13.1

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM

Fire Fight

ing Procedures:FULL PROTECTIVE EQUIPMENT INCLUDING

SELF-CONTAINING BREATHING APPARATUS SHOULD BE USED. WATER SPRAY MAY BE INEFFECTIVE. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE. WATER MAY BE USED CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP AND POSSIBLE AUTOIGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT.

Unusual Fire/Explosion Hazard:KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS, AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN

EXPOSED TO EXTREME HEAT. APPLICATION TO

HOT SURFACES REQUIRES SPECIAL PRECAUTIONS. DURING EMERGENCY CONDITIONS OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD.

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. VENTILATE AND REMOVE WITH INERT ABSORBENT.

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

Handling and Storage Precautions:CONTENTS ARE FLAMMABLE. KEEP AWAY FROM

HEAT, SPARKS, AND OPEN FLAME. DURING USE AND UNTIL ALL VAPORS ARE GONE: KEEP AREA VENTILATED ? DO NOT SMOKE ? EXTINGUISH ALL FLAMES, PILOT LIGHTS, AND HEATERS ? TURN OFF STOVES, ELECTRIC TOOLS AND APPLIANCE, AND ANY OTHER SOURCES OF IGNITION.

Other Precautions:THIS PRODUCT MUST BE MIXED WITH OTHER COMPONENTS BEFORE USE. BEFORE OPENING THE PACKAGE, READ AND FOLLOW WARNING ON ALL COMPONENTS. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE C O

NTENTS CAN BE HARMFUL OR FATAL.

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

Respiratory Protection:IF PERSONAL EXPOSURE CANNOT BE CONTROLLED BELOW APPLICABLE LIMITS BY VENTILATION, WEAR A PROPERLY FITTED ORGANIC/PARTICULATES RESPIRATOR APPROVED BY NIOSH/MSHA FOR PROTECTION AGAINST MATERIALS II. WHEN SANDING OR ABRADING THE DRIED FILM. WEAR A DUST/MIST RESPIRATOR APPROVED BY NIOSH/MSHA FOR DUST WHICH MAY BE GENERATED FROM THIS PRODUCT.

Ventilation

:LOCAL EXHAUST PREFERABLE. GENERAL EXHAUST ACCEPTABLE IF THE EXPOSURE TO MATERIALS IN SECTION II IS MAINTAIN BELOW APPLICABLE EXPOSURE LIMITS.

Protective Gloves:WEAR GLOVES WHICH ARE RECOMMENDED BY GLOVE SUPPLIER FOR PROTECTION.

Eye Protection:WEAR SAFETY SPECTACLES WITH UNPERFORATED SIDESHIELDS.

Other Protective Equipment:USE OF BARRIER CREAM ON EXPOSED SKIN IS RECOMMENDED.

Supplemental Safety and Health

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

Boil

ing Pt:=78.9C, 174.F

B.P. Text:174-419F

Vapor Density:>AIR

Spec Gravity:0.90

VOC Pounds/Gallon:693

VOC Grams/Liter:5.78

Evaporation Rate & Reference:SLOWER THAN ETHER

Percent Volatiles by Volume:80%

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

Stability Indicator/Materials to Avoid:YES

NONE KNOWN

Stability Condition to Avoid:NONE KNOWN

Hazardous Decomposition Products:BY FIRE: CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF NITROGEN, POSSIBILITY OF HYDROGEN CYANIDE.

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

Waste Disposal Methods:WASTE FROM THIS PRODUCT MAY BE HAZARDOUS AS
DEFINES UNDER THR RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) 40
CFR 261. WASTE MUST BE TESTED FOR IGNITABILITY TO DETERMINE EPA
HAZARDOUS WASTE NUMBERS. INCINERATE IN APPROVED FACILITY. DO NOT
INCINERATE CLOSED CONTAINER. DISPOSE OF IN ACCORDANCE WITH
FEDERAL, STATE, AND LOCAL REGULATIONS.

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

SARA Title III Information:SARA 313 (40 CFR 372.65C) SUPPLIER
NOTIFICATION

108-88-3 TOLUENE 21% 71-36-3
1-BUTANOL 2% 78-93-3 METHYL ETHYL KETONE 12% 108-10-1 METHYL
ISOBUTYL KETONE 1% 80-05-7 4,4? ISOPROPYLINDENIPHENOL 4%

Federal Regulatory Information:TSCA CERTIFICATION: ALL CHEMICALS IN
THIS PRODUCT ARE LISTED, OR ARE EXEMPT FROM LISTING, ON THE TSCA
INVENTORY.

State Regulatory Information:CALIFORNIA PROPOSI
TION 65: THIS PRODUCT
CONTAINS CHEMICALS KNOWN TO STATE OF CALIFORNIA TO CAUSE CANCER AND
BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

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particular situation.