

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

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

MSDS Date:04/23/1998

FSC:8010

NIIN:01-309-0328

Status Code:A

MSDS Number: CLFFY

=== Responsible Party ===

Company Name:SHERWIN-WILLIAMS CO

Address:630 E 13TH ST

City:ANDOVER

State:KS

ZIP:67002

Country:U

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Info Phone Num:216-566-2917

Emergency Phone Num:216-566-2917

Preparer'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

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Composition/Information on Ingredients
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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:100

0 LBS

Ingred Name:1-BUTANOL

CAS:71-36-3

RTECS #:EO1400000

= Wt:2.

OSHA 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

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Wt:19.

OSHA PEL:700 MG/M3;200 PPM

ACGIH TLV:705 MG/M3;200 PPM

ACGIH STEL: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:1

3.

Ingred Name:DIETHYLENETRIAMINE

CAS:111-40-0

RTECS #:IE1225000

= Wt: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 INCREASE 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, NERVOUS 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 TO VAPORS OR SPRAY MISTS. REDNESS AND ITCHING OR BURNING SENSATION MAY INDICATE EYE OR EXCESSIVE SKIN EXPOSURE.

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

WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRY 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:1

3.1

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM

Fire Fighting 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 =====

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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. INTE

ADDITIONAL MISUSE BY DELIBERATELY CONCENTRATING
AND INHALING THE CONTENTS 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

A 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 MAINTAINED 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

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

Boiling 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 TH E TSCA INVENTORY.

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

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