

SHERWIN-WILLIAMS CO -- MIL-P-53022B, TYPE II, PART A, 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 A, EPOXY POLYAMIDE PRIMER

MSDS Date:07/06/1998

FSC:8010

NIIN:01-309-0328

Status Code:A

MSDS Number: CLFFW

=== Responsible Party ===

Company Name:SHERWIN-WILLIAMS CO

Address:630 E 13TH ST

City:ANDOVER

State:KS

ZIP:67002

Country:U

S

Info Phone Num:216-566-2917

Emergency Phone Num:216-266-2917

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:4.

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:METHYL N-PROPYL KETONE

CAS:107-87-9

RTECS #:SA7875000

= Wt:16.

OSHA PEL:700 MG/M3;200 PPM

ACGIH TLV:705 MG/M3;200 PPM

ACGIH STEL:881 MG/M3;250 PPM

Ingred Name:EPOXY POLYMER

= Wt:13.

Ingred Name:EPOXY POLYMER

= Wt:11.

Ingred Name:QUARTZ

CAS:14808-60-7

RTECS #:VV7330000

= Wt:18.

OSHA PEL:SEE TABLE Z-3

ACGIH TLV:0.1 MG/M3

Ingred Name:TALC

CAS:14807-96-6

RTECS #:WW2710000

= Wt:4.

OSHA PEL:SEE TABLE Z-3

ACGIH TLV:2 MG/M3

Ingred Name:TITANIUM DIOXIDE

CAS:13463-67-7

RTECS #:XR227

5000

= Wt:30.

OSHA PEL:15 MG/M3

ACGIH TLV:10 MG/M3

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===== 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: CRYSTALLINE SILICA (QUARTZ, CRISTOBALITE) IS LISTED BY IARC AND NTP. LONG TERM EXPOSURE TO HIGH LE

VELS OF SILICA DUST,
WHICH CAN OCCUR ONLY WHEN SANDING OR ABRAIDING THE DRY FILM, MAY
CAUSE LUNG DAMAGE (SILICOSIS) AND POSSIBLY CANCER PROLONGED
OVEREXPOSURES TO SOLVENT INGREDIENTS IN SECTION II MAY CAUSE
ADVERSE EFFECTS TO THE LIVER, URINARY, BLOODS FORMING,
CARDIOVASCULAR, NERVOUS AND REPRODUCTIVE SYSTEMS.

Effects of Overexposure:HEADACHE, DIZZINESS, NAUSEA, AND LOSS OF
COORDINATION ARE INDICATIONS OF EXCESSIVE EXPOSURES TO VAPORS OR
SPRAY MISTS. REDNESS AND ITC
HING OR BURNING SENSATION MAY
INDICATE EYE OR EXCESSIVE SKIN EXP OSURE.

Medical Cond Aggravated by Exposure:MAY CAUSE ALLERGIC SKIN REACTION IN
SUSCEPTIBLE PERSONS.

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===== 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
LAUNDRER BEFORE RE-USE . EYES: FLUSH EYES WITH LARGE AM
OUNTS OF
WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SWALLOWED: GET
MEDICAL ATTENTION.

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

Flash Point Method:PMCC

Flash Point:=-6.7C, 44.F

Lower Limits:1.0

Upper Limits:8.7

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 PREFERAB
LE. WATER

MAY BE USED CLOSED CONTAINER S 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 SPECIA L PRECAUTIONS. DURING EMERGENCY
CONDITIONS OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A
HEALTH H

AZARD.

===== 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 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 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

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

Boiling Pt: =102.8C, 217.F

B.P. Text: 217-238F

Vapor Density: >AIR

Spec Gravity: 1.58

VOC Pounds/Gallon: 334

VOC Grams/Liter: 2.87

Evaporation Rate & Reference: SLOWER THAN ETHER

Percent Volatile

===== 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 THE 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 4% ZINC COMPOUND 3% 1.3% BY ELEMENT

Federal Regulatory Informa

tion: TSCA CERTIFICATION: ALL CHEMICALS IN

THIS PRODUCT ARE LISTED, OR ARE EXEMPT FROM LISTING, ON THE TSCA INVENTORY

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

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