

SHERWIN-WILLIAMS CO -- LED/CHROMATE-FREE EPOXY PRIMER (A) WHITE (P&L 724700) --
8010-01-193-0517

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Product Identification
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Product ID:LED/CHROMATE-FREE EPOXY PRIMER (A) WHITE (P&L 724700)

MSDS Date:09/22/1997

FSC:8010

NIIN:01-193-0517

Kit Part:Y

MSDS Number: CHWRH

=== Responsible Party ===

Company Name:SHERWIN-WILLIAMS CO

Address:101 PROSPECT AVE N W

City:CLEVELAND

State:OH

ZIP:44115-104

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Country:US

Info Phone Num:216-566-2902

Emergency Phone Num:216-566-2917

CAGE:54636

=== Contractor Identification ===

Company Name:SHERWIN-WILLIAMS CO THE

Address:101 PROSPECT AVE NW

Box:City:CLEVELAND

State:OH

ZIP:44115-1042

Country:US

Phone:800-251-2486/216-566-2242

CAGE:54636

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Composition/Information on Ingredients
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Ingred Name:TOLUENE (SARA 313) (CERCLA)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 6%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100PPMSKIN/STEL

150SK
ACGIH TLV:S, 50 PPM; 9495
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:1-BUTYL ALCOHOL (SARA 313) (CERCLA)
CAS:71-36-3
RTECS #:EO1400000
Fraction by Wt: 6%(C)
Other REC Limits:NONE RECOMMENDED
OSHA PEL:50PPMPM SKIN
ACGIH TLV:S, C 50 PPM; 9495
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:1-METHOXI-2-PROPENOL
CAS:107-98-2
RTECS #:UB7700000
Fraction by Wt: 51%
Other REC Limits:NONE RECOMMENDED

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA 313) (CERCLA)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 17%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200PMM/STEL 300PPM
ACGIH TLV:200 PPM/300STEL;9495
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:POLYAMINE
Fraction by Wt: 26%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SILICA, CRYSTALLINE - QUARTZ
CAS:14808-60-7
RTECS #:VV7330000
Fraction by Wt: 5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.1MG/M3 R/DUST
ACGIH TLV:0.1MG/MC R/DUST

Ingred Name:TALC (CONTAINING ASBESTOS)
CAS:14807-96-6
RTECS #:MW

2700000

Fraction by Wt: 11%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:2MG/MC RDUST

ACGIH TLV:2MG/M3 RDUST

Ingred Name:TITANIUM DIOXIDE

CAS:13463-67-7

RTECS #:XR2275000

Fraction by Wt: 20%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10(5)MG/M3 DUST

ACGIH TLV:10 MG/M3 TDUST; 9495

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:INH

ALATION, HEADACHE, DIZZINESS,

NAUSEA, LOSS OF CO-ORD IRRITATION. EYES: REDNESS, ITCHING,

IRRITATION, BURNING SENSATION. SKIN: IRRITATION, ITCHING BURNING

SENSATION, REDNESS, POSSIBLE ALERGIC SKIN REACTION,

ALCAHOLS/ACETATES, MAY BE ABSORBED THROUGH THE SKIN

Explanation of Carcinogenicity:CHRISTALINE SILICA (QUARTZ,
CHRISTOBALITE)

Effects of Overexposure:POSSIBLE NERV SYSTM DEPRESSION,

UNCONSCIOUSNESS, POSSIBLY DEATH. SOLVENTS: POS BRAIN AND NERV

SYSTM DAMAGE, PO

S EFFECTS TO LIVER, URINARY, CARDIOVASC AND REPROD

SYSTEM, MEK MAY INCREASE NERV SYSTEM EFFECTS OF OTHER SOLVENTS

Medical Cond Aggravated by Exposure:SKIN ALLERGIES OR OTHER SKIN
COND TNS

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

First Aid:INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING, KEEP
WARM AND QUIET. SKIN: WASH THOROUGHLY W/SOAP & WTR.REMOV CONTAM
CLOTHING, LAUNDER BEFORE RE-USE. EYES: FLUSH W/LRG AMOUNTS OF WTR
15 MIN, G ET MED AID

. INGESTION: GET MED AID.

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

Flash Point Method:PMCC

Flash Point:21F0F,6.7C

Autoignition Temp:Autoignition Temp Text:547

Lower Limits:1

Upper Limits:11.2

Extinguishing Media:CO2, DRY CHEM, FOAM

Fire Fighting Procedures:FULL-PROTECT EQIPT, INCL. SCUBBA, WTR SPRAY
MAY BE INEFFECTIVE. IF WTR IS USED, FOG NOZZLES PREF. WTR USED TO
COOL CLOSED CNTNRS TO PREVENT EXPLOSION

Unusual Fire/Explosion Hazard:KEEP CNTNRS TIGHTLY CLO
SED. ISOLATE FROM

ALL HEAT & IGNITABLES. CLOSED CNTNRS MAY EXPL WHEN EXPOSED TO EXTRM
HEAT. IN EMERG, OVEREXPSR TO DECOMP PRODS*

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION, VENTILATE AND
REMOVE W/INERT ABSORBANT.

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

Handling and Storage Precautions:CONTNTS FLAMABLE, KEEP AWAY FROM
HEAT/IGNITABLES. KEEP VENTED. DO NOT SMOKE,CONSULT N
FPA CODE. USE

APRVD BNDG/GRDG, KEEP CLOSED WHEN NOT IN USE.

Other Precautions:USE ONLY COMPLETE AND PRROPRIATE LABELING. DO NOT
TAKE INTERNALLY, KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:WEAR PROPERLY FITTED ORGANIC VAPOR/PARTICULATE
RESPIRATOR APRVD BY NIOSH/MSHA, WHEN SANDING,ABRADING, WEAR
MIST/DUST RESPIRATOR APROVD BY NIOSH/MSHA

Ventilation:LOCAL EXHAUST PREF, GENERAL EXHAUST ACCEPTABLE IF EXP
OSURE

BELO EXPSUR LMTS, USE ENOUGH VENT AVOID MST CNTNING PR TIC

Protective Gloves:AS RECOM BY GLOVE SUPPLIER

Eye Protection:SAFETY SPECS W/ UNPERF SIDE-SHIELDS

Other Protective Equipment:BARRIER CREAM

Supplemental Safety and Health

MUST BE MXD W/OTHER COMPONENTS BEFORE USE. READ AND FOLLOW DIRECTIONS
BEFORE OPENING PACAGES OF ANY COMPONENTS. INTENT MIS-USE, HARMFUL
OR FATAL. * MAY CAUSE HLTH HZARD, SYMPRMS MAY BE DELAYED. GET
MED AID

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===== Physical/Chemical Pro

properties =====

Boiling Pt:B.P. Text:174F,103C

Vapor Pres:42.4@25C

Vapor Density:HVR/AIR

Spec Gravity:1.32

VOC Grams/Liter:4.01

Evaporation Rate & Reference:SLOWER THAN ETHER

Appearance and Odor:OPAQUE LIQUID W/SOLID ODOR

Percent Volatiles by Volume:57%

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

Stability Indicator/Materials to Avoid:YES

Hazardous Decomposition Products:CO2 CO

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

Waste

Disposal Methods:WASTE MAY BE HZRDIOUS, MUST BE TESTED FOR
IGNITABILITY. INSINORATE IN APRVD FACILITY.DO NOT INSINORATE CLOSD
CNTNR. DISPOSEOF PER FED STE AND LOCAL REGS RE: POLUTION

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

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