

SHERWIN-WILLIAMS COMPANY -- PRIMER-WASH PRETREATMENT, FORM 117 FOR METALS
DOD-P-15328D I -- 8030-00-281-2726

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Product Identification
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Product ID:PRIMER-WASH PRETREATMENT, FORM 117 FOR METALS DOD-P-15328D I

MSDS Date:11/12/1996

FSC:8030

NIIN:00-281-2726

Status Code:A

MSDS Number: CKDYB

=== Responsible Party ===

Company Name:SHERWIN-WILLIAMS COMPANY

Address:101 PROSPECT AVENUE

City:CLEVEL

AND

State:OH

ZIP:44115

Country:US

Info Phone Num:216-566-2902

Emergency Phone Num:(800)424-9300

Chemtrec Ind/Phone:(800)424-9300

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:ISOPROPYL ALCOHOL

CAS:67-63-0

RTECS #:NT8050000

OSHA PEL:400 PPM (980MG/M3)

OSHA

STEL:500 PPM (1225MG/M3)
ACGIH TLV:400 PPM 980 MG/M3M
ACGIH STEL:500 PPM (1225MG/M3)

Ingred Name:N-BUTYL ALCOHOL
CAS:71-36-3
RTECS #:EO1400000
= Wt:15.

OSHA STEL:60 PPM (150MG/M3)
ACGIH TLV:50 PPM (150MG/M3)
ACGIH STEL:150 PPM (455MG/M3)
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ZINC CHROMATE
CAS:13530-65-9
RTECS #:GB3290000
= Wt:5.

OSHA PEL:0.10 MG/M3
OSHA STEL:0.10 MG/M3
ACGIH TLV:0.10 MG/M3

Ingred Name:TALC
CAS:14807-96-6
RTECS #:WW2710000
OSHA PEL:2 MG/M3
ACGIH TLV:2 MG/M3

Ingred Name:PHOSPHORIC ACID
CAS:7664-38-2
RTECS #:TB6300000
= Wt:5.
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

Health Hazards Acute and Chronic:REPEATED AND PROLONGED OVEREXPOSURE TO RELATIVELY INSOLUBLE CHROMATES MAY CAUSE LUNG CANCER. REPEATED AND PROLONGED EXPOSURE MAY CAUSE DERMATITIS AND EROSION OF THE TEETH. REPORTS HAVE ASSOCIATED PROLONGED AND REPEATED OCCUPATIONAL OVEREXPOSURE

REXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM
DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND
INHALING THE CONTENES MAY BE HARMFUL OR FATAL.

Medical Cond Aggravated by Exposure:

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

First Aid:SWALLOWING:DO NOT INDUCE VOMITING.GIVE 1-2 GLASSES
WATER-DILUTE(NEVER GIVE ANYTHING BY MOUTH-UNCONSCIOUS PERSON).CALL
POISON CONTROL CENTER,HOSPITAL EMERGENCY ROOM,/PHYSICIAN
IMMEDIATELY.INHAL
ATION:REMOVE-FRESH AIR IMMEDIATELY.IF BREATHING
HAS STOPPED,GIVE ARTIFICIAL RESPIRATION.KEEP WARM&QUIET.GET MEDICAL
ATTENTION IMMEDIATELY.EYE:FLUSH W/LARGE AMOUNTS OF WATER,LIFTING
UPPER&LOWER LIDS OCCASIONALLY .CONTINUE@LEAST 15MINUTES.GET MEDICAL
ATTENTION.SKIN:IMMEDIATELY FLUSH CONTAMINATED AREA W/LARGE AMOUNTS
OF WATER.REMOVE CONTAMINATED CLOTHING AS WATER IS APPLIED.CONSULT
PHYSICIAN.

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

Flash Point:

=11.7C, 53.F

53F

Autoignition Temp:=300.C, 572.F

Autoignition Temp Text:572F

Lower Limits:1.4

Upper Limits:13.0

Extinguishing Media:CO2, DRY CHEMICAL, ALCOHOL FOAM, POLYMER FOAM.

Fire Fighting Procedures:NFPA CLASS B FIRE EXTINGUISHERS DESIGNED TO
EXTINGUISH FLAMMABLE LIQUID FIRES.POLYMER FOAM PREFERRED FOR LARGE
FIRES.WATER MAY BE INEFFECTIVE,BUT MAY BE USED TO COOL EXPOSED
CONTAINERS TO PREVENT PRESSURE BUILDUP&POSSIBLE
AUTOIGNITION/EXPLOSION WHEN EXPOSED TO EXTREME HEAT.IF W

ATER IS

USED,FOG NOZZLES ARE PREFERABLE.

Unusual Fire/Explosion Hazard:DURING EMERGENCY CONDITIONS ,
OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD.
SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL
ATTENTION. WARNING! FLAMMABLE

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

Spill Release Procedures:WEAR APPROPRIATE PROTECTIVE EQUIPMENT.RESP.EYE
PROTECTION,ACID IMPROVIOUS GLOVES&BODY SUITS.VENTILATE AREA.STOP
SOURCE OF LEAK

.CONFINE&COLLECT SPILLED

MATERIAL.DILUTE&/NEUTRALIZE.KEEP SPECTATORS AWAY.ELIM INATE
IGNITION SOURCES(FLAMES,HOT SURFACES,&SOURCES OF
ELECTRICAL,STATIC/FRICTIONAL SPARKS).DIKE&CONTAIN SPILL W/INERT
MATERIAL(E.G.SAND,EARTH).TRANSFER W/INERT ABSORBENT.USE NONSPARKING
TOOLS.

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

Handling and Storage Precautions:DO NOT STORE ABOVE 115' F (46' C),
STORE LARGE QUANTITIES IN COMPLIANCE WITH OSHA 29 CFR 1910.106

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her Precautions:DON'T TAKE INTERNALLY.CLOSE CONTAINER AFTER USE.EMPTY
CONTAINERS MUST NOT BE WASHED&REUSED.CONTAINERS SHOULD BE
GROUNDED&BONDED-RECEIVING CONTAINER.DON'T WELD,BRAZE.CUT ON EMPTY
CONTAINERS.NEVER USE P RESSURE-EMPTY.DRUM IS NOT PRESSURE VESSEL.

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

Respiratory Protection:PROPR SELCTION OF RESP.PROTCTION DPENDS ON MANY
FACTRS INCLDING DURATION/LEVEL OF XPOSURE&CNDITIONS OF
USE.XPOSURE-ORGNIC CHEMCA

LS MAY NOT REQUIRE RESP.PROTCTION IF USED

IN WELL VENTLATED AREAS.IN RESTR CTED VENTLATION AREAS NIOSH
APPRVED CHEMICAL CARTRDGE RESP.MAY BE REQUIRED.UNDR CNDITIONS,SUCH AS
SPRAYING, MECHANICAL PREFILTER MAY BE REQUIRED.

Ventilation:SEE OTHER INFORMATION

Protective Gloves:SOLVENT IMPERMEABLE GLOVES ARE REQUIRED FOR REPEATED
OR PROLONGED CONTACT.

Eye Protection:SAFETY SPECTACLES,CHEMICAL SPLASH GOGGLES(ANSI Z
87.1/EQUIVALENT)&FACE SHIELD.

Other Protective Equipment:EYE WASH FACILITY
, SAFETY SHOWER.

Supplemental Safety and Health

CONFINED AREAS USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR.IF TLVS
LISTED IN SECTION II ARE EXCEEDED USE PROPERLY FITTED NIOSH/MSHA
APPROVED RESPIRATOR W/APPROPRIATE PROTECTION FACTOR.REFER TO OS
HA29CFR1910.134 "RESPIRATORY PROTECTION"&RESPIRATORY PROTECTION,
MANUAL&GUIDELINE,AMERICAN INDUSTRIAL HYGIENE ASSOC."

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

Boiling Pt:=77.2C, 171.F

B.P. Text:171F

Melt/F

reeze Pt:=-45.4C, -50.F
M.P/F.P Text:-50F
Decomp Temp:=1000.C, 1832.F
Decomp Text:1832F
Vapor Pres:33 MMHG
Vapor Density:>AIR
Spec Gravity:7.4 LBS/GALLON
pH:4 - 7
VOC Grams/Liter:5.64

Evaporation Rate & Reference:115' F (46'C)) AND
SOURCES OF IGNITION

Hazardous Decomposition Products:SEE TRASPORTATION DETAILS

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

Toxicological Information:NOTES TO PHYSICIAN: ANY TREATMENT THAT MIGHT BE REQUIRED FOR OVEREXPOSURE SHOULD BE DIRECTED AT THE CONTROL OF SYMPTOMS AND THE CLINICAL CONDITIONS.SIGNIFICAN LABORATORY DATA WIH POSSIBLE RELEVANCE T O HUMAN HEALTH. ZINC CHROMATE HAS BEEN LISTED AS A POTENTIAL CARCINOGEN BY THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER.

===== Ecological Information =====

Ecological:PLACE ABSORBENT DIKING MATERIALS IN COVERED METAL CONTAINERS FOR DISPOSAL. PREVENT CONTAMINATION OF SEWERS, STREAMS AND GROUNDWATER WITH SPILLED MATE RIAL OR USED ABSORBANT.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS. OBSERVE PRECAUTIONS FOR DISPOSAL OF FLAMMABLE MATERIALS.

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

Transport Information:BURNING,INCLUDING WHEN HEATED BY WELDING/CUTTING,WILL PRODUCE SMOKE,CARBON MONOXIDE&CARBON DIOXIDE.IN ADDITION,OXIDES OF CHROMIUM,ZINC MAY BE
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GENERATED.WELDING,BRAZING/TORCH CUTTING MATERIALS COATED W /PRODUCT
MAY PRODUCE METAL OXIDES.OVEREXPOSURE TO METAL OXIDES MAY RESULT IN
"METAL FUME FEVER".SYMPTOMS INCLUDE FLU-LIKE ILLNESS
W/FEVER,CHILLS,&COUGH.AN AIR PURIFYING/SUPPLIED AIR RESPIRATOR MAY
BE REQUIRED DEPENDING UPON LEVELS OF EXPOSURE.CONSULT QUALIFIED
HEALTH&SAFETY PROFESSIONAL.PROPER SHIPPING NAME: PAINT DOT
CLASSIFICATION: FLAMMABLE LIQUID DOT LABEL/PLACARD: FLAMMABLE
UN# 1263

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

SARA Title III Information:SARA 313, CHEMICAL IS SUBJECT TO REPORTING
REQUIREMENTS OF SECTION 313 OF TITLE III OF S.A.R.A. 40 CFR PART
372: 1) N-BUTYL ALCOHOL 2) ZINC CHROMATE 3) PHOSPHORIC ACID
State Regulatory Information:HMIS CODES: HEALTH: 3, FLAMMABILITY:
3, REACTIVITY: 0

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

Disclaimer (provided with this information by the compiling agencies):

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