

SHERWIN-WILLIAMS CO -- ORDNANCE ALKYD PRIMER RED E90RC38 -- 8010-00-292-1127
===== Product Identification =====

Product ID:ORDNANCE ALKYD PRIMER RED E90RC38

MSDS Date:11/07/1990

FSC:8010

NIIN:00-292-1127

MSDS Number: BJYWF

=== Responsible Party ===

Company Name:SHERWIN-WILLIAMS CO

Address:101 PROSPECT AVE N W

City:CLEVELAND

State:OH

ZIP:44115-1042

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

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

Ingred Name:HEAVY AROMATIC NAPHTHA (VAPOR PRESSURE 0.1 MM HG)

CAS:64742-94-5

RTECS #:SE7546500

Fraction by Wt: 3%

OSHA PEL:50 PPM

Ingred Name:2-BUTOXYETHANOL

CAS:111-76-2

RTECS #:KJ8575000

Fraction

by Wt: 1%
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 25 PPM; 9293

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 3%
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL PROPYL KETONE (2-PENTANONE)
CAS:107-87-9
RTECS #:SA7875000
Fraction by Wt: 8%
OSHA PEL:200 PPM/250 STEL
ACGIH TLV:200 PPM/250STEL;9192

Ingred Name:METHYL ISOBUTYL KETONE (SARA III)
CAS:108-10-1
RTECS #:SA9275000

Fraction by Wt: 4%
OSHA PEL:100 PPM/75 STEL
ACGIH TLV:50 PPM/75 STEL; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:N-BUTYL ACETATE (SARA III)
CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt: 1%
OSHA PEL:150 PPM/200 STEL
ACGIH TLV:150 PPM/200STEL;9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:TALC
CAS:14807-96-6
RTECS #:VV7720000
Fraction by Wt: 20%
OSHA PEL:2 MG/M3 (RESP. DUST)
ACGIH TLV:2 MG/M3 (RESP. DUST)

Ingred Name:BARIUM SULFATE
CAS:7727-43-7
RTECS #:CR0600000

Fraction by Wt: 3%
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:VOC (THEORETICAL) 2.80 LB. 336 G/L OF COATING LESS WATER
RTECS #:9999999VO

Ingred Name:VOC 4.76 LB/GAL (571 G/L) OF SOLIDS
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES, SKIN & RESPIRATORY S
YSTEM

IRRITATION. NERVOUS SYSTEM DEPRESSION. METHYL ETHYL KETONE MAY INCREASE THE NERVOUS SYSTEM EFFECTS OF OTHER SOLVENTS. PROLONGED OVEREXPOSURE TO SOLVENTS MAY CAUSE ADVERSE EFFECTS TO THE LIVER, URINARY BLOOD FORMING & REPRODUCTIVE SYSTEMS. MAY ALSO CAUSE PERMANENT BRAIN/NERVOUS SYSTEM DAMAGE.

Effects of Overexposure:EXTREME OVEREXPOSURE MAY RESULT IN UNCONSCIOUSNESS AND POSSIBLY DEATH. HEADACHE, DIZZINESS, NAUSEA AND LOSS OF COORDINATION ARE INDICATIONS OF EXCESSIVE EXPOSURE TO VAPORS OR SPRAY MISTS. REDNESS AND ITCHING OR BURNING SENSATION MAY INDICATE EYE OR EXCESSIVE SKIN EXPOSURE.

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

First Aid:INHALED: IF AFFECTED, REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM AND QUIET. SKIN: WASH AFFECTED AREA THOROUGHLY 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: GET MEDICAL ATTENTION.

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

Flash Point Method:PMCC
Flash Point:75.0F,23.9C
Lower Limits:0.8
Upper Limits:6.0
Extinguishing Media:CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
Fire Fighting Procedures:FULL PROTECT EQUIP W/SCBA. WATER SPRAY INEFFECTIVE. WATER USED/FOG NOZZLES PREFERRED. USE WATER TO COOL CLOSED CONTAINER/PREVENT PRESS BUILD-UP/AUTOIGNITE/EXPLOSION.
Unusual Fire/Explosion Hazard:KEEP TIGHTLY CLOSED. I

SOLATE FROM

IGNITION SOURCES. CLOSED CONTAINERS MAY EXPLODE W/EXTREME HEAT.
APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS.

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

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

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

Handling and Storage Precautions:FLAMMABLE. KEEP FROM IGNITION SOURCES.
KEEP AREA VENTILATED. USE APPROVED BONDING AND GROUNDING

PROCEDURES. KEEP CLOSED WHEN NOT IN USE.

Other Precautions:TRANSFER ONLY TO APPROVED CONTAINERS WITH COMPLETE
AND APPROPRIATE LABELING. DO NOT TAKE INTERNALLY. KEEP OUT OF
REACH OF CHILDREN. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING
AND INHALING CONTENTS CAN BE HARMFUL OR FATAL.

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

Respiratory Protection:WEAR PROPERLY FITTED ORGANIC VAPOR/PARTICULATE
RESPIRATOR APPROVED BY NIOSH/MSHA FOR PROTECTION AGAINST MATERIALS.

WHEN SANDING, WIREBRUSHING, ABRADING, BURNING OR WELDING DRIED
FILM, WEAR PARTICULATE RESPIRATOR APPROVED BY NIOSH/MSHA.

Ventilation:LOCAL EXHAUST PREFERABLE. GENERAL EXHAUST ACCEPTABLE IF
EXPOSURE TO MATERIALS IS MAINTAINED BELOW EXPOSURE LIMITS.

Protective Gloves:GLOVES RECOMMENDED BY GLOVES SUPPLIER

Eye Protection:SAFETY GLASSES W/UNPERFORATED SIDESHIELD

Work Hygienic Practices:WASH HANDS AFTER USING.

Supplemental Safety and Health

USE ONLY W/A

DEQUATE VENT. AVOID BREATHING VAPORS & SPRAY MIST & CONTACT
W/SKIN & EYES. THIS COATING CONTAINS NUISANCE PARTICULATES WHICH
MAY BE PRESENT AT HAZARDOUS LEVELS ONLY DURING SANDING OR ABRADING
OF DRIED FILM. DURING EMERGENCY CONDITIONS, OVEREXPOSURE TO DECOMP
PRODUCTS MAY CAUSE HEALTH HAZARD. GET MEDICAL ATTN.

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

HCC:F4

Boiling Pt:B.P. Text:174 TO 415F

Vapor Density:> THAN AIR

Spec Gravity:1.54

Evaporation Rate &

; Reference:SLOWER THAN ETHER
Percent Volatiles by Volume:41

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

Stability Indicator/Materials to Avoid:YES

Hazardous Decomposition Products:BY FIRE: CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF METALS.

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

Waste Disposal Methods:WASTE MAY BE HAZARDOUS & MUST BE TESTED FOR IGNITABILITY & EXTRACTABILITY TO DETERMINE THE APPLICABLE EPA HAZARDOUS WASTE NUMBER

S. INCINERATE IN APPROVED FACILITY. DO NOT INCINERATE CLOSED CONTAINER. DISPOSE OF PER FEDERAL, STATE & LOCAL REGULATIONS.

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