

8-2014
YENKIN-MAJESTIC PAINT CORPORATION -- 70-2014 RUST KILL AEROSOL RED OXIDE
PRIMER -- 8010-00D006905

===== Product Identification =====

Product ID:70-2014 RUST KILL AEROSOL RED OXIDE PRIMER
MSDS Date:06/16/1989
FSC:8010
NIIN:00D006905
MSDS Number: CFDZQ
=== Responsible Party ===
Company Name:YENKIN-MAJESTIC PAINT CORPORATION
Address:1920 LEONARD AVE
Box:369004
City:COLUMBUS
State:OH
ZIP:43236-9004
Country:US
Info Phone Num:614-253-8511
Emergency Phone Num:800-424-9300(CHEMTREC)
CAGE:E0325

=== Contractor Identification ===

Company Name:YENKIN MAJESTIC PAINT CORP
Address:E 5TH AVE & LEONARD AVE
Box:City:COLUMBUS
State:OH
ZIP:43219
Country:US
Phone:614-253-8511
CAGE:91708
Company Name:YENKIN-MAJESTIC PAINT CORPORATION
Address:1920 LEONARD AVE
Box:369004
City:COLUMBUS
State:OH
ZIP:43236-9004
Country:US
Phone:614-253-8511
CAGE:E0325

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

Ingred Name:BUTANE
CAS:106-97-8
RTECS #:EJ4200000
Fraction by wt: 14.4%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:800 PPM
ACGIH TLV:800 PPM; 9596

Ingred Name:ISOBUTANE
CAS:75-28-5
RTECS #:TZ4300000
Other REC Limits:NONE RECOMMENDED

Ingred Name:VOLITILE ORGANIC CONTENT AS LISTED ON MSDS, 4.95-5.0 #/GAL.
RTECS #:9999999VC
Fraction by wt: NA
Other REC Limits:NONE RECOMMENDED

Ingred Name:PIGMENTS, LEAD FREE
Fraction by wt: 3.5-8.0%
Other REC Limits:NONE RECOMMENDED

Ingred Name:CALCIUM CARBONATE (MARBLE) (LIMESTONE)
CAS:1317-65-3
RTECS #:EV9580000
Fraction by wt: 5-7%

8-2014

Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9596

Ingred Name:BARIUM METABORATE
CAS:13701-59-2
RTECS #:CQ9570000
Fraction by Wt: 1.28%
Other REC Limits:NONE RECOMMENDED

Ingred Name:ALIPHATIC HYDROCARBON
CAS:64742-89-8
Fraction by Wt: 17-20%
Other REC Limits:NONE RECOMMENDED

Ingred Name:ACETONE (SARA 313) (CERCLA)
CAS:67-64-1
RTECS #:AL3150000
Fraction by Wt: 14.1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1000 PPM
ACGIH TLV:750PPM/1000STEL;9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:TOLUENE (SARA 313) (CERCLA)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 11.5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM; Z-2
ACGIH TLV:S, 50 PPM; 9596
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:N-BUTYL ALCOHOL (SARA 313) (CERCLA)
CAS:71-36-3
RTECS #:E01400000
Fraction by Wt: 2.3%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:S, C 50 PPM; 9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:HYDROCARBON PROPELLANT INCLUDES INGREDIENTS 9,10,11.
Other REC Limits:NONE RECOMMENDED

Ingred Name:PROPANE
CAS:74-98-6
RTECS #:TX2275000
Fraction by Wt: 15.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1000 PPM
ACGIH TLV:ASPHYXIAN; 9596

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:INHAL:ANESTHETIC.IRRIT RESP
TRACT,ACUTE NERV SYS DEPRESS CHARACTERIZED BY FOLLOWING PROGRESSIVE
STEPS:HEAD,DIZZ,STAGGERING GAIT,CONFUSION,UNCONSC,COMA.SKIN/EYE
CONTACT:PRIMARY IRRIT.CHRONIC:ANIMAL TESTS INDICATE THAT INHAL MAY
CAUSE REPRODUCTIVE EFFECTS/DISORDERS.VAP OVEREXPO CAN CAUSE
LIV/KID/BLOOD INJURY.
Effects of Overexposure:ANESTHETIC,IRRIT RESP TRACT,NERVOUS SYS

8-2014

DEPRESSION-HEADACHE,DIZZ,STAGGERING
GAIT,CONFUSION,UNCONSC,COMA.REPRODUCTIVE EFFECTS OR DISORDERS,
LIVER/KIDNEY/POSSIBLY BLOOD INJURY FROM OVEREXPOSURE TO VAPOR .
Medical Cond Aggravated by Exposure:ASTHMA.

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

First Aid:INHAL:REMOVE TO FRESH AIR.RESTORE BREATHING.TREAT
SYMPTOM.CONSULT DR.SPLASH(EYE):FLUSH IMMED W/LG AMTS OF WATER FOR
@LEAST 15MINS.TAKE TO DR FOR MED TREAT.SPLASH(SKIN):WASH
W/SOAP/WATER.REMOVE CONTAMI N CLOTH.CONSULT DR IF IRRIT
PERSISTS.INGEST:DRINK 1-2 GLASSES OF WATER TO DILUTE.DONT INDUCE
VOMIT.CONSULT DR/POISON CNTRL CNTR IMMED.TREAT SYMPTOMATICALLY.

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

Flash Point:-138F,-94C PROPEN
Autoignition Temp:Autoignition Temp Text:NP
Lower Limits:0.9 VM&P
Upper Limits:NP
Extinguishing Media:FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG.
OSHA:CLASS IA FLAMM LIQUID, DOT FLAMMABLE LIQUID.
Fire Fighting Procedures:H2O MAY BE INEFFECTIVE;IF USE,FOG NOZZ
PREFER.H2O MAY BE USED TO COOL CLSD CNTNR-PREVENT PRESSURE
BUILDUP/AUTO-IGN WHEN EXPO TO EXTREME HEAT.FULL PROTECT(SUPPL)
Unusual Fire/Explosion Hazard:ISOLATE FROM HEAT/ELECTR EQPMT/SPARKS/OPN
FLAME.APPLICATION TO HOT SURFACES REQUIRE SPEC PRECAUT.CLSD CNTNR
MAY EXPLO WHEN EXPO TO EXTREME HEAT.DURING (SUPPLE)

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

Spill Release Procedures:LIMIT SPREAD OF SPILL/LEAK.REMOVE ALL SOURCES
OF IGNITION.SOAK UP W/INERT ABSORBANT MATL.USE NON-SPARKING TOOLS
WHEN REMOVING WET ABSORBENT.SEE OTHER MSDS SECTION FOR REQUIRED
PROTECTIVE MEASURES.KEEP MATL OUT OF SEWERS &/OR DRAINS.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE AWAY FROM EXTREME HEAT/FIRE/OPEN
FLAME.STORE IAW OSHA 1910.106.DONT STORE >100F(38C).STORE LG QUANT
ONLY IN BLDG DESIGNED TO COMPLY W/1910.106.
Other Precautions:STORE IN WELL VENTI AREAS.AVOID REP/PROL SKIN
CONTACT.DONT STORE/USE NEAR HEAT/SPARK/OPN FLAME.DONT FLAME
CUT/WELD/BRAZE/ABRADE SURFACE W/MATL CURE ON THEM W/O APPROVED
RESP/ADEQU VENTI.DONT PUNCTURE/ DRAG/SLIDE CNTNR.AVOID BREATH SAND
DUST

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

Respiratory Protection:OUTDOORS:USE MECHANICAL FILTER RESPIRATOR WHILE
SPRAYING.RESTRICTED VENTI AREA:USE APPROV CHEM/MECHANICAL FILT
DESIGNED TO REMOVE COMBINATION OF PARTICULTES & VAPORS.CONFINED
AREAS:USE APPROV AIR LINE TYPE RESPIRATORS OR HOODS.
Ventilation:PROVIDE VENTI W/SUFFI VOL/PATRN-KEEP AIR CONTAM CONCEN BEL
VALUES IN INGRED.S.
Protective Gloves:NONE REQUIRED.
Eye Protection:SAF EYEWEAR INCLUDE SPLASH GUARD,SIDESHI
Other Protective Equipment:NONE USUALLY REQUIRED.
Work Hygienic Practices:WASH HANDS BEF EAT/WASHRM USE.SMOKE IN
DESIGNATE AREAS ONLY.DONT TAKE INTERNALLY.AVOID BREATH VAP RELEASE
WHEN SPRAYING.
Supplemental Safety and Health
FIREFIGHT:EQPTM +SCBA SHOULD BE USED TO PROTECT FIGHTERS FROM ANY HAZ
COMBUST PROD. FIRE/EXPLO:EMERG CONDITIONS/OVEREXPO MAY CAUSE HEALTH
HAZ.SYMPT MAY NOT BE IMMED APPARENT.GET MED ATTN.VAP IGN BY ST A
ELECT/FRIC SPARKS.DONT INCINERATE CANS.

8-2014

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

HCC:V3
Boiling Pt:B.P. Text:-4F,-20C
Melt/Freeze Pt:M.P/F.P Text:NP
Decomp Temp:Decomp Text:NP
Vapor Pres:NP
Vapor Density:>AIR
Spec Gravity:NP
pH:NP
Viscosity:NP
Evaporation Rate & Reference:SLOWER THAN ETHER
Solubility in Water:NP
Appearance and Odor:AEROSOL, RED OXIDE PRIMER
Percent Volatiles by Volume:89+/-1
Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES
NONE REASONABLY FORESEEABLE.
Stability Condition to Avoid:HEAT,SPARKS,OPEN FLAME,STRONG OXIDIZING OR
REDUCING AGENTS.
Hazardous Decomposition Products:MAY PRODUCE FUMES WHEN HEAT TO
DECOMPO,AS IN WELD OR FIRE.FUMES MAY CONTAIN:CO,CO2,OXIDES OF
NITROGEN,HCL,PHOSGENE.

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

Waste Disposal Methods:DONT INCINERATE!DISPO OF IAW ALL LOC,STATE,& FED
REGS.APPROVED HAZ WASTE SITE.CHEMS SUBJ TO REPORTING REQMTS OF SEC
313 SARA TITLE III:BARIUM METABORATE,ACETONE,TOLUENE,N-BUTANOL.

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