

BENJAMIN MOORE & CO -- IRONCLAD RETARDO RUST INHIBITIVE PAINT, 163 -- 8010-00N016192

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Product Identification
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Product ID:IRONCLAD RETARDO RUST INHIBITIVE PAINT, 163
MSDS Date:09/01/1990
FSC:8010
NIIN:00N016192
Status Code:A
MSDS Number: CHSXL
=== Responsible Party ===
Company Name:BENJAMIN MOORE & CO
Address:51 CHESTNUT RIDGE RD
City:MONTVALE
State:NJ
ZIP:07645
Country:US
Info Phone Num:201-573-9600
Emergency Phone Num:800-424-9300(CHEMTREC)
CAGE:09585

==== Contractor Identification ===

Company Name:BENJAMIN MOORE & CO
Address:51 CHESTNUT RIDGE RD
City:MONTVALE
State:NJ
ZIP:07645
Country:US
Phone:201-573-9600
CAGE:09585
Company Name:BENJAMIN MOORE & CO
Address:51 CHESTNUT RIDGE RD
Box:City:MONTVALE
State:NJ
ZIP:07645
Country:US
Phone:201-573-9600
CAGE:91950

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Composition/Information on Ingredients
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Ingred Name:TALC
CAS:14807-96-6
RTECS #:WW2710000
Fraction by Wt: 19.5%
OSHA PEL:20 MPPCF
ACGIH TLV:2 MG/M3 RDUST

Ingred Name:IRON (III) OXIDE
CAS:1309-37-1
RTECS #:N07400000
Fraction by Wt: 16.9%
OSHA PEL:10 MG/M3 (FE)
ACGIH TLV:5 MG/M3 FUME (FE)

Ingred Name:PHTHALOCYANINE GREEN
CAS:1328-53-6
RTECS #:GE4300000
Fraction by Wt: 1.1%
OSHA PEL:1 MG/M3 (MFR)
ACGIH TLV:1 MG/M3 (MFR)

Ingred Name:STODDARD SOLVENT. VP:2 @ 20C.
CAS:8052-41-3
RTECS #:WJ8925000

Fraction by Wt: 38.5%
OSHA PEL:500 PPM
ACGIH TLV:100 PPM

Ingred Name:XYLENE (SARA 313) (CERCLA). VP:21 @ 38C.
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 1.2%
OSHA PEL:100 PPM
ACGIH TLV:100 PPM;150 STEL
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ETHYLBENZENE (SARA 313). VP:10 @ 20C.
CAS:100-41-4
RTECS #:DA0700000
Fraction by Wt: 1.2%
OSHA PEL:100 PPM
ACGIH TLV:100 PPM;125 STEL
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:SILICA, CRYSTALLINE - QUARTZ
CAS:14808-60-7
RTECS #:VV7330000
Fraction by Wt: 0.2%
OSHA PEL:0.1 MG/M3 (MFR)
ACGIH TLV:0.1 MG/M3 RDUST

Ingred Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
Fraction by Wt: 17.4%
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST

Ingred Name:ZINC PHOSPHATE
CAS:7779-90-0
RTECS #:TD0590000
Fraction by Wt: 12.6%
OSHA PEL:15 MG/M3 (MFR)
ACGIH TLV:10 MG/M3 (MFR)

Ingred Name:ALUMINUM PHOSPHATE SOLUTION
CAS:7784-30-7
RTECS #:TB6450000
Fraction by Wt: 5.9%
OSHA PEL:N/K
ACGIH TLV:10 MG/M3 (MFR)

Ingred Name:ZINC OXIDE (SARA 313) (CERCLA)
CAS:1314-13-2
RTECS #:ZH4810000
Fraction by Wt: 4.7%
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE:INHAL:HARMFUL IF INHALED. MAY
AFFECT BRAIN/NERV SYS, CAUSING DIZZ, HDCH/NAUS. EYE/SKIN
CONT:CAUSES IRRIT. INGEST:IRRIT OF DIGEST TRACT & NERV SYS DEPRESS

(DROW, DIZZ, LOSS OF COORD & FATG). ASPI R HAZ - THIS MATL CAN ENTER LUNGS DURING SWALLOWING/VOMIT & CAUSE LUNG INFLAMM & DMG. CHRONIC:SKIN (EFTS OF OVEREXP)

Explanation of Carcinogenicity:SILICA, CRYSTALLINE-QUARTZ:IARC MONOGRAPHS, VOL 68, 1997:GRP 1. NTP 7TH ANNUAL RPT ON CARCINS, 1994:ANTIC TO BE CARCIN.

Effects of Overexposure:HLTH HAZ:CONT:PRLNG/RPTD EXPOS MAY CAUSE DERM. INHAL:SANDING DUST INHAL MAY CAUSE LUNG DMG. NOTICE:RPTS HAVE ASSOC PERM BRAIN & NERV SYS DMG W/RPTD, PRLNG OVEREXP TO SOLVS AMONG PERS ENGAGED IN PAINTI NG TRADE. INTENTIONAL MISUSE BY DELIB CONC & INHAL CONTENTS MAY BE HARMFUL/FATAL. THIS PROD MAY CONTAIN SM AMTS (SUPDAT)

Medical Cond Aggravated by Exposure:NONE EXPECTED WHEN USED I/A/W SAFE HANDLING & USE INFORMATION.

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

First Aid:INHAL:REMOVE FROM HAZARD AREA, MAINTAIN BREATHING, CALL MD. SKIN:REMOVE W/SOAP & WATER. EYES:FLUSH IMMEDIATELY W/LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. CALL MD. INGEST:DRINK 1 OR 2 GLASSES OF WATER TO DILUTE. DO NOT INDUCE VOMITING. CALL MD.

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

Flash Point Method:PMCC
Flash Point:105F,41C
Lower Limits:1%
Extinguishing Media:FOAM, CO*2, DRY CHEMICAL, WATER FOG.
Fire Fighting Procedures:USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT . DO NOT USE WATER STREAM ON BURNING LIQUID. COOL EXPOSED CONTAINERS W/WATER.
Unusual Fire/Explosion Hazard:COMBUSTIBLE. CLOSED CONTAINERS MAY BURST IF EXPOSED TO EXTREME HEAT OR FIRE. TOXIC GASES MAY FORM WHEN PRODUCT BURNS.

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. AVOID BREATHING VAPORS. USE NON-SPARKING TOOLS TO RETURN MATERIALS TO CONTAINER. ABSORB RESIDUE W/FULLER'S EARTH.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:USE NIOSH APPROVED RESPIRATOR SPECIFIED FOR PROTECTION AGAINST PAINT SPRAY MIST, SANDING DUST & ORGANIC VAPORS IN RESTRICTED OR CONFINED AREAS.
Ventilation:ADEQ TO MAINTAIN WORKING ATM BELOW TLV & LEL. MECH EXHST MAY BE REQD IN CONFINED AREAS. DISCHARGE EXHST ONLY IN (SUPDAT)
Protective Gloves:SOLVENT IMPERMEABLE GLOVES.
Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .
Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA . CLOTHING ADEQUATE TO PROTECT SKIN.
Work Hygienic Practices:REMOVE & WASH CLOTHING BEFORE REUSE. WASH HANDS BEFORE EATING, SMOKING OR USING WASHROOM.
Supplemental Safety and Health
% VOLAT:53-58.6. EFTS OF OVEREXP:OF MATLS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER & REPRODUCTIVE HARM. VENT:AREA AWAY FROM IGNITION SOURCES.

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

Boiling Pt:B.P. Text:>272F,>133C
Vapor Pres:SEE INGS
Vapor Density:HVR/AIR
Spec Gravity:1.16-1.33
Evaporation Rate & Reference:SLOWER THAN ETHER
Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.
Percent Volatiles by Volume:SUPDAT

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

Stability Indicator/Materials to Avoid:YES
NONE REASONABLY FORESEEABLE.
Stability Condition to Avoid:ELEVATED TEMPERATURES & BUILD UP OF
VAPORS.
Hazardous Decomposition Products:BURNING MAY PRODUCE CARBON DIOXIDE &
CARBON MONOXIDE.

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

Waste Disposal Methods:CONVENTIONAL PROCEDURES IN COMPLIANCE W/LOCAL,
STATE & FEDERAL REGULATIONS. DO NOT INCINERATE SEALED CONTAINERS.

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