

BENJAMIN MOORE & CO -- IRONCLAD RETARDO RUST INHIBITIVE PAINT, 163 -- 8010-00-582-5318

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Product Identification
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Product ID:IRONCLAD RETARDO RUST INHIBITIVE PAINT, 163

MSDS Date:06/22/1998

FSC:8010

NIIN:00-582-5318

Status Code:A

MSDS Number: CLLWR

=== 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

Preparer's Name:HENRY SIMMONS

Chemtec Ind/Phone:(800)424-9300

CAGE:91950

=== Contractor Identification ===

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:STODDARD SOLVENT

CAS:8052-41-3

RTECS #:WJ8925000

= Wt:36.2

OSHA PEL:2900 MG/M3;500 PPM

ACGIH TLV:525 MG/M3;100 PPM

ingred Name:XYLENE
CAS:1330-20-7
RTECS #:ZE2100000
= Wt:1.2
ACGIH TLV:434 MG/M3;100 PPM
ACGIH STEL:651 MG/M3;150 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:BENZENE, ETHYL-
CAS:100-41-4
RTECS #:DA0700000
= Wt:1.2
OSHA PEL:435 MG/M3;100 PPM
ACGIH TLV:434 MG/M3;100 PPM
ACGIH STEL:543 MG/M3;125 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

Ingred Name:ZINC PHOSPHATE
CAS:7779-
90-0
RTECS #:TD0590000
= Wt:12.5

Ingred Name:ALUMINUM PHOSPHATE
CAS:7784-30-7
RTECS #:TB6450000
= Wt:5.9

Ingred Name:TALC
CAS:14807-96-6
RTECS #:WW2710000
= Wt:19.7
OSHA PEL:SEE TABLE Z-3
ACGIH TLV:2 MG/M3

Ingred Name:ZINC OXIDE (ZNO)
CAS:1314-13-2
RTECS #:ZH4810000
= Wt:4.7
OSHA PEL:15 MG/M3

Ingred Name:IRON(III) OXIDE
CAS:1309-37-1
RTECS #:NO7400000
= Wt:16.5
OSHA PEL:10 MG/M3
ACGIH TLV:5 MG/M3;2 PPM

Ingred Name:PHTHALOCYANINE GREEN
CAS:1328-53-6

ILICA, CRYSTALLINE
CAS:14808-60-7
Code:F
RTECS #:VV7330000
= Wt:.2
OSHA PEL:SEE TABLE Z-3
ACGIH TLV:0.1 MG/M3

Ingred Name:C.I. YELLOW 77492
CAS:51274-00-1
Code:F
= Wt:3.1

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:NOTICE: REPORTS HAVE ASSOCIATED
PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE WITH REPEATED, PROLONGED
OVEREXPOSURE TO SOLVENTS AMONG PERSONS ENGAGED IN THE PAINTI
NG
TRADE.

Explanation of Carcinogenicity:CRYSTALLINE SILICA HAS BEEN CLASSIFIED
AS PROBABLY CARCINOGENIC FOR HUMANS (2A) BY IARC.

Effects of Overexposure:INHALATION-HARMFUL IF INHALED. MAY AFFECT THE
BRAIN AND NERVOUS SYSTEM. CAUSING DIZZINESS, HEADACHES, OR NAUSEA.
CONTACT-CAUSES EYE IRRITATION. CONTACT-CAUSES SKIN IRRITATION.
INGESTION- IRRITATIO N OF THE DIGESTIVE TRACT AND NERVOUS SYSTEM
DEPRESSION (DROWSINESS, DIZZINESS, LOSS OF COORDINATION AND
FATIGUE). ASP

IRATION HAZARD- THIS MATERIAL CAN ENTER LUNGS DURING
SWALLOWING OR VOMITING AND CAU SE LUNG INFLAMMATION AND DAMAGE.
SKIN CONTACT ? PROLONGED OR REPEATED EXPOSURE MAY CAUSE DERMATITIS.
INHALATION STATEMENT: SANDING DUST INHALATION MAY CAUSE LUNG
DAMAGE.

Medical Cond Aggravated by Exposure:NONE EXPECTED WHEN USED IN
ACCORDANCE WITH SAFE HANDLING AND USE INFORMATION (SECTION VIII).

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

First Aid:INHALATION- REM

MOVE FROM HAZARD AREA, MAINTAIN BREATHING, CALL A PHYSICIAN. SKIN CONTACT- REMOVE WITH SOAP AND WATER. EYE CONTACT- FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER. CALL PHYSICIAN. INGESTION- DRINK 1 OR 2 GLASSES OF WATER TO DILUTE. DO NOT INDUCE VOMITING. CALL PHYSICIAN.

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

Flash Point Method:PMCC

Flash Point:40.6C, 105.F

Lower Limits:1.0%

Extinguishing Media:FOAM, CO2, DRY CHEMICAL, WATER FOG.

Fire Fighting Pr

cedures:DO NOT USE WATER STREAM ON BURNING LIQUID.

COOL EXPOSED CONTAINERS WITH WATER. USE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:CLOSED CONTAINERS MAY BURST IF EXPOSED TO EXTREME HEAT OR FIRE. TOXIC GASES MAY FORM WHEN PRODUCT BURNS.

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

Spill Release Procedures:CONVENTIONAL PROCEDURES IN COMPLIANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. DO NOT INCINERATE SEALED CONTAINERS. RE

MOVE ALL SOURCES OF IGNITION. AVOID BREATHING VAPORS.

USE NON-SPARKING TOOLS TO RETURN MATERIALS TO CONTAINER. ABSORB RESIDUE WITH FULLER'S EARTH.

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

Handling and Storage Precautions:COMBUSTIBLE - KEEP AWAY FROM HEAT AND FLAME.

Other Precautions:USE ONLY WITH ADEQUATE VENTILATION. AVOID PROLONGED CONTACT WITH SKIN AND BREATHING OF VAPOR SPRAY MIST OR SANDING DUST. CLOSE CONTAINER AFTER EACH USE. KEEP OUT OF R

EACH OF

CHILDREN. DO NOT TAKE INTERNALLY.

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

Respiratory Protection:USE NIOSH APPROVED RESPIRATOR SPECIFIED FOR PROTECTION AGAINST PAINT SPRAY MIST, SANDING DUST AND ORGANIC VAPORS IN RESTRICTED OR CONFINED AREAS.

Ventilation:ADEQUATE TO MAINTAIN WORKING ATMOSPHERE BELOW T.L.V AND L.E.L. MECHANICAL EXHAUST MAY BE REQUIRED IN CONFINED AREAS. DISCHG AWAY FROM IGNITION SOURCES.

Protective Gloves:SOLVENT IMPER

MEABLE GLOVES ARE REQUIRED DURING
REPEATED CONTACT.

Eye Protection:SPLASH GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment:CLOTHING ADEQUATE TO PROTECT SKIN.

Supplemental Safety and Health

REMOVE AND WASH CLOTHING BEFORE REUSE. WASH HANDS BEFORE EATING,
SMOKING OR USING THE RESTROOM.

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

Boiling Pt.=133.3C, 272.F

B.P. Text:272-388F

Vapor Density:> AIR

VOC Grams/Liter:9.7

Evaporation Rate & Refer

ence:SLOWER THAN ETHER

Percent Volatiles by Volume:52.9 - 58.8

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

Stability Indicator/Materials to Avoid:YES

REMOVE ALL SOURCES OF IGNITION.. AVOID BREATHING VAPORS. USE
NON-SPARKING TOOLS TO RETURN MATERIALS TO CONTAINER. ABSORB RESIDUE
WITH FULLER'S EARTH.

Stability Condition to Avoid:BURNING MAY PRODUCE CARBON DIOXIDE AND
CARBON MONOXIDE.

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