

===== MSDS
Safety Information
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FSC: 8010 MSDS Date: 12/01/1988 MSDS Num: BQTBV

Submitter: N EN LIIN: 00N016192 Tech Review: 06/29/1995 Status CD: C

Product ID: IRONCLAD RETARDO RUST INHIBITIVE PAINT, 163 MFN: 01

Article: N Kit Part: N

Cage: 91950
Responsible Party

Name: MOORE BENJAMIN AND CO

Address: CHESTNUT RIDGE RD

City: MONTVALE State: NJ Zip: 07645

Country: US

Info Phone Number: 201-344-1200

Emergency Phone Number: 201-344-1200

Preparer's Name: N/P

Proprietary Ind: N Review Ind: N

Published: Y Special Project CD: N

===== Contractor
Summary =====

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Cage: 91950 Name: BENJAMIN MOORE & CO

Address: 51 CHESTNUT RIDGE RD
City: MONTVALE State: NJ Zip: 07645
Country: US Phone: 201-573-9600

===== Ingredients
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Cas: 64742-88-7 M X
Code: RTECS #: Code:

Name: MINERAL SPIRITS. VP: <5@100F. % WT: 9.6-18.2

% Text: SEE ING

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

500 PPM (MFR)

Code: M OSHA
STEL:

Code:

ACGIH TLV: 100 PPM (MFR)

Code: M ACGIH N/P
STEL:

Code:

EPA Rpt Qty:

DOT
Rpt
Qty:

Ozone Depleting Chemical:

N

Cas: 14807-96-6

M

WW2710000

M

Code:

RTECS #:

Code:

Name: TALC (POWDER), CONTAINING NO ASBESTOS FIBERS. % WT: 11.5-16.8

% Text: SEE ING

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

2 MG/M3 RDUST

Code: M OSHA
STEL:

Code:

ACGIH TLV: 2 MG/M3 RDUST

Code: M ACGIH N/P
STEL:

Code:

EPA Rpt Qty:

DOT
Rpt
Qty:

Ozone Depleting Chemical:

N

Cas: 64741-41-9

M

X

Code:

RTECS #:

Code:

Name: MINERAL SPIRITS. VP: 2@20C. % WT: 14.5-17.4.

% Text: SEE ING

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

500 PPM (MFR)

Code: M OSHA
STEL:

Code:

ACGIH TLV: 100 PPM (MFR)

Code: M ACGIH N/P
STEL:

Code:

EPA Rpt Qty:

DOT
Rpt
Qty:

Ozone Depleting Chemical:

N

Cas: 8052-41-3

M

WJ8925000

M

Code:

RTECS #:

Code:

Name: STODDARD SOLVENT; (ODORLESS MINERAL SPIRITS). VP: 1.2@20C

% Text: 1.8-4.7

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

500 PPM

Code: M OSHA
STEL:

Code:

ACGIH TLV: 100 PPM; 9293

Code: M ACGIH N/P
STEL:

Code:

EPA Rpt Qty:

DOT
Rpt
Qty:

Ozone Depleting Chemical:

N

Cas: 7779-90-0

M

TD0590000

M

Code:

RTECS #:

Code:

Name: PHOSPHORIC, ACID, ZINC SALT (2:3) (ZINC PHOSPHATE)

% Text: <12.1

Environmental Wt:

Other REC Limits: N/K

OSHA PEL:

NOT APPLICABLE

Code: M OSHA
STEL:

Code:

ACGIH TLV: NOT APPLICABLE

Code: M ACGIH N/P
STEL:

Code:

EPA Rpt Qty:

DOT
Rpt
Qty:

Ozone Depleting Chemical:

N

Cas: 1314-13-2

M

ZH4810000

M

Code: RTECS #: Code:
Name: ZINC OXIDE. PEL: 10 MG/M3 TDUST; 5 MG/M3 RDUST

% Text: <4.7

Environmental Wt:

OSHA PEL:

Other REC Limits: N/K

15MG/M3 TDUST/5 FUME

Code: M OSHA
STEL:

Code:

ACGIH TLV: 10MG/M3 TDUST; 9293

Code: M ACGIH N/P
STEL:

Code:

EPA Rpt Qty:

DOT
Rpt
Qty:

Ozone Depleting Chemical:

N

===== Health
Hazards Data
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LD50 LC50 Mixture

NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds – Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds – NTP: NO

IARC: NO

OSHA: NO

Health Hazards Acute And Chronic

ACUTE: INHAL: RESP IRRIT & CNS SYS EFT-ANESTH. SKIN/EYE CONT: PRIMARY IRRIT. INGEST: IRRIT OF DIGESTIVE TRACT & NERV SYS DEPRESS (DROW, DIZZ, LOSS OF COORD & FATG). ASPIR HAZ-THIS MATERIAL CAN ENTER L UNGS DURING SWALLOWING OR VOMITING AND CAUSE LUNG INFLAMM & DAM. CHRONIC: SKIN: PRLNGD/RPTD EXPOS (EFTS OF OVEREXP)

Explanation Of Carcinogenicity

NOT RELEVANT

Signs And Symptions Of Overexposure

HLTH HAZ: MAY CAUSE DERM. NOTICE: REPORTS HAVE ASSOC PERM BRAIN & NERV SYS DAM W/RPTD, PRLNGD OVEREXP TO SOLV AMONG PERSONS ENGAGED IN PAINTING TRADE. INTENTIONAL MISUSE BY DELIB CONC & INHALING CONTE NTS MAY BE HARMFUL/FATAL.

Medical Cond Aggravated By Exposure

NONE EXPECTED WHEN USED IN ACCORDANCE WITH SAFE HANDLING AND USE INFORMATION.

First Aid

INHAL: REMOVE FROM HAZ AREA, MAINTAIN BREATHING, CALL PHYSICIAN. SKIN: REMOVE WITH SOAP AND WATER. EYE: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. INGEST: DRINK 1-2 GLASSES OF WATER TO DILUTE. DO NOT INDUCE VOMIT. CALL PHYSICIAN.

Spill Release Procedures

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

Neutralizing Agent

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods

CONVENTIONAL PROCEDURES IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT INCINERATE SEALED CONTAINERS.

Handling And Storage Precautions

COMBUSTIBLE-KEEP AWAY FROM HEAT AND FLAME.

Other Precautions

USE ONLY WITH ADEQ VENT. AVOID Prolonged Contact with Skin & Breathing of Vapor Spray Mist or Sanding. CLOSE CONTAINER AFTER EACH USE. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.

===== Fire and Explosion Hazard Information ===== [TOP](#)

Flash Point Method:

PMCC

Flash Point:

Flash Point Text: 105F,41C

Autoignition Temp:

Autoignition Temp Text: N/A

Lower Limits: 1%

Upper Limits: N/K

Extinguishing Media

FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER FOG.

Fire Fighting Procedures

WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N). DO NOT USE WATER STREAM ON BURNING LIQUID.

Unusual Fire/Explosion Hazard

CLOSED CONTAINERS MAY BURST IF EXPOSED TO EXTREME HEAT/FIRE. TOXIC GASES MAY FORM WHEN PRODUCT BURNS.

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Measures Control TOP

Respiratory Protection

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

Ventilation

ADEQ TO MAINTAIN WORKING ATM BELOW TLV & LEL. MECH EXHAUST MAY BE REQD IN CONFINED AREAS. DISCHARGE (SUPP DATA)

Protective Gloves

SOLVENT IMPERMEABLE.

Eye Protection

SPLASH GOGGLE OR SAFETY GLASSES (SUPDAT)

Other Protective Equipment

CLOTHING ADEQUATE TO PROTECT SKIN.

Work Hygienic Practices

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

Supplemental Safety and Health

% VOLAT: 55.3-58.6. VENT: EXHAUST ONLY IN AREA AWAY FROM IGNITION SOURCES. EYE PROTECTION: WITH SIDESHIELDS.

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Physical/Chemical Properties TOP

HCC:

F4

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text: 272F,133C

Melt/Freeze Pt:

M.P/F.P Text: N/K

Decomp Temp:

Decomp Text: N/K

Vapor Pres: SEE INGRED

Vapor Density: HVR/AIR

Volatile Org Content %:

Spec Gravity: 1.2-1.3(FP N)

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity: N/P

Evaporation Rate & Reference: SLOWER THAN ETHER

Solubility in Water: N/K

Appearance and Odor: NONE SPECIFIED BY MANUFACTURER.

Percent Volatiles by Volume: SUPDAT

Corrosion Rate: N/K

Reactivity Data

[TOP](#)

Stability Indicator:

YES

Stability Condition To Avoid: ELEVATED TEMPERATURES AND BUILD UP OF VAPORS.

Materials To Avoid: NONE REASONABLY FORESEEABLE.

Hazardous Decomposition Products: BURNING PRODUCE PRODUCE CARBON DIOXIDE AND CARBON MONOXIDE.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization NOT RELEVANT

Toxicological Information

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Toxicological Information:

N/P

Ecological Information

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Ecological:

N/P

MSDS Transport

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Information

Transport Information:

N/P

=====**Regulatory Information**=====

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Sara Title III Information:

N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

=====**Other Information**=====

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Other Information:

N/P

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