

INTERNATIONAL PAINT CO INC -- BRA640 INTERVIRON ANTI-FOULING RED -- 8010-01-339-8708

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

Product ID: BRA640 INTERVIRON ANTI-FOULING RED

MSDS Date: 10/01/1992

FSC: 8010

NIIN: 01-339-8708

MSDS Number: BQYPV

=== Responsible Party ===

Company Name: INTERNATIONAL PAINT CO INC

Address: 2270 MORRIS AVE

Box: 386

City: UNION

State: NJ

ZIP: 07083-5704

Country: US

Info Phone Num: (713) 68

2-1711

Emergency Phone Num: (713) 682-1711

Preparer's Name: MARK SIMMONS

CAGE: 26351

=== Contractor Identification ===

Company Name: INTERNATIONAL PAINT INC

Address: 6001 ANTOINE DR

Box: City: HOUSTON

State: TX

ZIP: 77091

Country: US

Phone: 800-589-1267/800-854-6813

CAGE: 26351

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

Ingred Name: N-BUTYL ALCOHOL

CAS: 71-36-3

RTECS #: EO1400000

Fraction by Wt: 1-5%

Other REC Limits: NONE SPECIFIED

OSHA PEL: 100 PPM

ACGIH TLV: S, C 50 PPM; 9293

EPA Rp

t Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:XYLENE (DIMETHYLBENZENE)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: 10-15%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM  
ACGIH TLV:100 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:CUPROUS OXIDE  
CAS:1317-39-1  
RTECS #:GL8050000  
Fraction by Wt: 40-45%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3

Ingred Name:POLYAMIDE RESIN  
CAS:68650-50-0  
Fraction by Wt: 1-5%  
Other REC Limits:NONE SPECIFIED

Ingred Name:ZIN  
C OXIDE  
CAS:1314-13-2  
RTECS #:ZH4810000  
Fraction by Wt: 15-20%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15MG/M3 TDUST/5 FUME  
ACGIH TLV:10MG/M3 TDUST; 9293

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES: IRRITATION, REDNESS, TEARING, &  
BLURRED VISION. SKIN: IRRITATION. MAY RESULT IN DERMATITIS. HARMFUL  
IF ABSORBED THROU

GH SKIN. INHAHATION: IRRITATION, DIZZINESS, NAUSEA  
& VOMITING, & UNCONSCIOUSN ESS.INGESTION: GASTROINTESTINAL  
IRRITATION, NAUSEA, VOMITING, DIARRHEA & UNCONSCIOUSNESS.

Explanation of Carcinogenicity:NO

Medical Cond Aggravated by Exposure:SKIN AND RESPIRATORY CONDITIONS.

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

First Aid:EYES: FLUSH IMMEDIATELY WITH COPIOUS QUANTITIES OF WATER FOR  
15 MINUTES. GET MEDICAL ATTENTION. REMOVE CONTAMINATED CLOTHING,  
WASH S

KIN WITH PLENTY OF SOAP & WATER. LAUNDRER CLOTHES BEFORE  
REUSE. INHAL ATION: REMOVE TO FRESH AIR. GIVE ARTIFICAL RESPIRATION  
IF NEEDED. GET MEDICAL ATTENTION. INGESTION: GET MEDICAL ATTENTION  
IMMEDIATELY. DRINK MILK, EGG WHITES, GELATIN SOL'N OR WATER.AVOID  
ALCOHOL.

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

Flash Point:80.0F,26.7C

Extinguishing Media:FOAM, CO2, DRY CHEMICAL

Fire Fighting Procedures:H2O USED TO COOL UNOPENED CONTAINERS, MUST NOT  
BE

USED AS AN EXTING. MEDIA. TAKE CARE TO PREVENT SPREAD OF BURNING  
LIQUID W/H2O.MAY EXPLODE EXPOSED TO HEAT.

Unusual Fire/Explosion Hazard:CONTAINS FLAMMABLE SOLVENT. DO NOT USE IN  
AREAS WHERE SPARK OR OPEN FLAME ARE PRESENT.

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

Spill Release Procedures:STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR  
SPILLED: REMOVE ALL SOURCES OF IGNITION. AVOID INHALATION OF  
VAPORS. VENTILATE AREA. CLEAN UP WITH ABSORBENT MATERIALS.

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

Handling and Storage Precautions:STORE IN BUILDING DESIGNED AND  
PROTECTED FOR STORAGE OF LIQUIDS WITH NFPA CLASS GIVEN BY OSHA  
CLASS IN SECTION 4. AVOID BREATHING DUST OR CHIPS.

Other Precautions:CHRONIC OVEREXPOS. TO, & MISUSE OF,SOL'NTS HAS BEEN  
LINKED TO PERMAN. BRAIN & NERVOUS SYS. DAMAGE.INHALATION OF ZINC  
FUME MAY PRODUCE SYMPT. KNOWN AS METAL FEVER. SYMPT. USUALLY  
DISAPPEAR WITHIN 24 HR S.THIS MATERI

# AL TOXIC TO FISH IF MISUSED

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

Respiratory Protection:IN OPEN AREAS W/UNRESTRICTED VENTILATION, USE A NIOSH APPROVED FILTER RESPIRATOR. IN RESTRICTED VENTILATION AREAS, USE A NIOSH APPROVED RESPIRATOR TO REMOVE A COMBINATION OF PARTICULATES & VAPORS.& TO REMOVE SOLID AIR-BORNE PARTICLES.

Ventilation:KEEP TLV & LEL OF HAZARDOUS INGREDIENTS BELOW LIMITS,& TO REMOVE DECOMPOSITION PRODUCTS DURING WELDING OR FLAME CUT.

Protective Gloves:WEAR CHEMICAL RESISTANT GLOVES.

Eye Protection:SAFETY GLASSES.CHEMICAL GOGGLES.

Other Protective Equipment:EYES: FULL-FACE SHIELD TO PREVENT EYE CONTACT. WEAR APPROPRIATE IMPERVIOUS PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT.

Work Hygienic Practices:REMOVE AND WASH SOILED CLOTHING BEFORE UREUSE, WASH HANDS BEFORE EATING OR SMOKING.

Supplemental Safety and Health

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

HCC:F3

Boiling Pt:B.P. Text:244

TO 280F

Vapor Density:> AIR

Evaporation Rate & Reference:< ETHER

Percent Volatiles by Volume:15

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

Stability Indicator/Materials to Avoid:YES

MOISTURE, OXIDIZING AGENTS.

Stability Condition to Avoid:KEEP DRY. STORE AWAY FROM DIRECT HEAT, FLAME, OR SPARK.

Hazardous Decomposition Products:CO, CO2, VARIOUS HYDROCARBON FRAGMENTS ZINC FUMES COPPER FUMES.

## ===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. DO NOT INCINERATE UNOPENED CONTAINERS.

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