

INTERNATIONAL PAINT CO INC -- BRA642 INTERVIRON ANTI-FOULING BLACK -- 8010-01-339-8707

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

Product ID: BRA642 INTERVIRON ANTI-FOULING BLACK

MSDS Date: 10/01/1992

FSC: 8010

NIIN: 01-339-8707

MSDS Number: BQYPT

=== 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: 201-

686-1300

Emergency Phone Num: 201-686-1300

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:1.00 MG/M3
ACGIH TLV:1.00 MG/M3

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

Ingred Name:ZINC 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, & BLURRED
VISION. SKIN: IRRITATION. MAY RESULT IN DERMATITIS. HARMFUL IF
ABSORBED THROUGH

SKIN. INHALATION: IRRITATION, DIZZINESS, NAUSEA & VOMITING & UNCONSCIOUSNESS. INGESTION: GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA & UNCONSCIOUSNESS.
Explanation of Carcinogenicity:NO
Medical Cond Aggravated by Exposure:SKIN AND RESPIRATORY CONDITIONS.

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

First Aid:EYES: FLUSH WITH COPIOUS QUANTITIES OF WATER FOR 15 MINUTES GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING, WASH SKIN WITH PLENTY OF SOAP & WATER. LAUNDER CLOTHES BEFORE REUSE. INHALATION: REMOVE TO FRESH AIR.GIVE ARTIFICIAL RESPIRATION IF NEEDED. GET MEDICAL ATTENTION. INGESTION: GET MEDICAL ATTENTION. DRINK MILK, EGG WHITES,GELATIN SOL'N OR WATER. AVOID ALCOHOL.

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

Flash Point:80.0F,26.7C
Extinguishing Media:FOAM, CO2, DRY CHEMICAL
Fire Fighting Procedures:WATER USED TO COOL UNOPENED CONTAINERS, MUST NOT BE USED AS AN EXTINGUISHING MEDIA. PREVENT SPREAD OF BURNING LIQUID WITH WATER. CLOSED CONTAIN.EXPLODE TO HEAT
Unusual Fire/Explosion Hazard:CONTAINS FLAMMABLE SOLVENT. DO NOT USE IN AREAS WHERE SPARK OR OPEN FLAME ARE PRESENT.

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===== 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 & PROTECTED FOR STORAGE OF LIQUIDS WITH NFPA CLASS GIVEN BY OSHA CLASS IN SECTION 4. AVOID BREATHING DUST OR CHIPS.
Other Precautions:CHRONIC OVEREXPOSURE TO, & MISUSE OF, SOLVENTS HAS BEEN LINKED TO PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE.INHALATION OF ZINC FUME MAY PRODUCE SYMPTOMS KNOWN AS METAL FEVER. SYMPTOMS USUALLY DISAPPEAR WITHIN 24 HRS.

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===== Exposur

e Controls/Personal Protection =====

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

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

Protective Gloves:WEAR CHEMICAL RESISTANT GLOVES.

Eye

Protection:SAFETY GLASSES, CHEMICAL GOGGLES.

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

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

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:B.P. Text:244 TO 280F

Vapor Density:> AIR

Evaporation Rate & Refe

rence:< ETHER

Percent Volatiles by Volume:15

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

Stability Indicator/Materials to Avoid:YES

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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