

COURTAULDS COATINGS INC. INTERNATIONAL -- INTERVIRON A/F BLACK BRA642 --  
8010-01-339-8707

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

Product ID:INTERVIRON A/F BLACK BRA642

MSDS Date:12/17/1996

FSC:8010

NIIN:01-339-8707

Status Code:A

MSDS Number: CLFGM

=== Responsible Party ===

Company Name:COURTAULDS COATINGS INC. INTERNATIONAL

Address:6001 ANTOINE DRIVE

City:HOUSTON

State:TX

ZIP:77091

Country:US

Info Ph

one Num:713-684-1563

Emergency Phone Num:(800)424-9300

Preparer's Name:HENRY SIMMONS

Chemtec Ind/Phone:(800)424-9300

CAGE:028S6

=== Contractor Identification ===

Company Name:INTERNATIONAL PAINT INC

Address:6001 ANTOINE DRIVE

Box:City:HOUSTON

State:TX

ZIP:77091

Country:US

Phone:713-684-1244

CAGE:028S6

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

Ingred Name:COPPER

CAS:7440-50-8

RTECS #:GL5325000

Minumum % Wt:25.

Maxumum % Wt:50.

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3

EPA R

pt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ZINC OXIDE (ZNO)  
CAS:1314-13-2  
RTECS #:ZH4810000  
Minumum % Wt:10.  
Maxumum % Wt:25.  
OSHA PEL:15 MG/M3

Ingred Name:XYLENE  
CAS:1330-20-7  
RTECS #:ZE2100000  
Minumum % Wt:1.  
Maxumum % Wt:10.  
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:N-BUTYL ALCOHOL  
CAS:71-36-3  
RTECS #:EO1400000  
Minumum % Wt:1.  
Maxumum % Wt:10.  
OSHA PEL:300 MG/M3;100 PPM  
ACGIH STEL:C152 MG/M3;C50 PPM  
EPA Rpt Qty:5000  
LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:CUPRIC OXIDE  
CAS:1317-38-0  
RTECS #:GL7900000  
Minumum % Wt:1.  
Maxumum % Wt:10.

Ingred Name:CUPROUS OXIDE  
CAS:1317-39-1  
RTECS #:GL8050000  
Minumum % Wt:1.  
Maxumum % Wt:10.

Ingred Name:ETHYLBENZENE  
CAS:100-41-4  
RTECS #:DA0700000  
Minumum % Wt:1.  
Maxumum % Wt:10.  
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:CADMIUM  
CAS:7440-43-9  
RTECS #:EU9800000  
Minumum % Wt:0.  
Maxumu

m % Wt:1.  
OSHA PEL:SEE 1910.1027  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

=====  
Hazards Identification  
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Effects of Overexposure:INHALATION: CAUSES NOSE AND THROAT IRRITATION.  
HARMFUL IF INHALED. MAY AFFECT THE  
BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. EYE  
CONTACT: CAUSES  
EYE IRRITATION. SKIN CONTACT: CAN BE ABSORBED THROUGH THE SKIN. MAY  
CAUSE ORGAN  
DAMAGE. CAUSES SKIN BURNS. INGESTION: MAY BE FATAL IF SWALLOWED AND MAY  
C  
AUSE ORGAN  
DAMAGE.

=====  
First Aid Measures  
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First Aid:INHALATION: REMOVE TO FRESH AIR. IF DISCOMFORT IS PRESENT OR  
BREATHING IS ABSENT GET  
MEDICAL ATTENTION IMMEDIATELY. EYE CONTACT: FLUSH IMMEDIATELY WITH  
PLENTY OF  
WATER FOR 15 MINUTES UNTIL IRRITATION SUBSIDES. IF IRRITATION PERSISTS,  
GET MEDICAL  
ATTENTION. SKIN CONTACT: FLUSH WITH LARGE AMOUNTS OF WATER. USE SOAP IF  
AVAILABLE.  
REMOVE SEVERELY CONTAMINATED CLOTHING (INCLUDING SHOES)  
AND WASH BEFO  
RE REUSE. IF  
IRRITATION PERSIST, GET MEDICAL ATTENTION. INGESTION: IF SWALLOWED, DO  
NOT INDUCE  
VOMITING. KEEP AT REST. GET PROMPT MEDICAL ATTENTION.

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Fire Fighting Measures  
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Flash Point:=26.7C, 80.F  
Lower Limits:.6  
Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL  
Unusual Fire/Explosion Hazard:ISOLATE FROM HEAT, SPARKS, ELECTRICAL  
EQUIPMENT AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN  
EXPOSED TO EXTREME HEAT.

IN THE ABSENCE OF ELECTRICITY, A WATER SPRAY (A FOG NOZZLE IS PREFERRED) MAY BE USED TO COOL CONTAINERS. DECOMPOSITION AND COMBUSTION PRODUCTS MAY BE TOXIC.

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

Spill Release Procedures:CONTAIN SPILLED LIQUID WITH SAND OR EARTH. DO NOT USE COMBUSTIBLE MATERIALS SUCH AS SAWDUST. ABSORB SPILL WITH AN INERT MATERIAL (E.G., DRY SAND OR EARTH), THAN PLACE IN A CHEMICAL WASTE CONTAINER.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED. LOOSEN CLOSURE CAUTIOUSLY BEFORE OPENING. STORE IN A COOL, WELL VENTILATED PLACE AWAY FROM INCOMPATIBLE MATERIALS. KEEP AWAY FROM HEAT, SPARKS AND FLAMES. PROTECT MATERIAL FROM DIRECT SUNLIGHT. GROUND AND BOND CONTAINERS WHEN TRANSFERRING MATERIALS.

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

Respiratory Protection:USE A RESPIRATOR JOINTLY APPROVED BY MINE SAFETY

AND HEALTH ADMINISTRATION OF THE DEPARTMENT OF LABOR AND THE NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES AND IN ACCORDANCE WITH 29CFR 1910.134.

Ventilation:PROVIDE SUFFICIENT VENTILATION, IN VOLUME AND PATTERN TO KEEP THE TLV OF THE HAZARDOUS INGREDIENTS BELOW THE LIMITS LISTED IN SECTION II.

Protective Gloves:WEAR CHEMICAL RESISTANT GLOVES.

Eye Protection:SAFETY GLASSES, CHEMICAL GOGGLES AND/OR A FACE SHIELD.

Suppl  
emental Safety and Health

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

Melt/Freeze Pt:=-117.2C, 243.F

Vapor Density:>AIR

Spec Gravity:2.178

Evaporation Rate & Reference:SLOWER/ETHER

Appearance and Odor:LIQUID

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:MAY PRODUCES HAZARDOUS FUMES WHEN

HEATED TO DECOMPOSITION AS IN WELDING. FUMES MAY PRODUCE CARBON DIOXIDE AND CARBON MONOXIDE.

===== Toxicological Information =====

Toxicological Information: THERE IS NO DATA AVAILABLE ON THE PRODUCT ITSELF. NOTICE: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTANTS CAN BE HARMFUL OR FATAL.

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

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

===== Regulatory Information =====

SARA Title III Information: 313 REPORTING INGREDIENTS. 71-36-3 N-BUTYL ALCOHOL. 100-41-4 ETHYLBENZNE. 1314-13-2 ZINC OXIDE. 1330-20-7 XYLENE. 7440-43-9 CADMIUM. 7440-50-8 COPPER.

Federal Regulatory Information: TSCA (TOXIC SUBSTANCE CONTROL ACT); COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY. CERCLA (COMPREHENSIVE COMPENSATION AND LAIBILITY ACT): WE RECOMMAND YOU CONTACT LOCAL AUHORITIES TO DET ERMINE IF THERE MAY BE OTHER LOCAL REPORTING REQUIREMENTS.

State Regulatory Information:

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