

INTERNATIONAL PAINT INC - INTERLUX -- FORMULA 150 PRIMER (MIL P 24441) GREEN BASE, 5747
-- 8010-00-437-6757

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

Product ID:FORMULA 150 PRIMER (MIL P 24441) GREEN BASE, 5747

MSDS Date:04/20/1999

FSC:8010

NIIN:00-437-6757

MSDS Number: CJVZW

=== Responsible Party ===

Company Name:INTERNATIONAL PAINT INC - INTERLUX

Address:2270 MORRIS AVENUE

City:UNION

State:NJ

ZIP:0708

3-0386

Country:US

Info Phone Num:713-684-1244

Emergency Phone Num:800-854-6813

Chemtrec Ind/Phone:(800)424-9300

CAGE:TO213

=== 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

Company Name:INTERNATIONAL PAINT INC - INTERLUX

Address:2270 MORRIS AVENUE

Box:City:UNION

State:NJ

ZIP:07083-0386

Country:US

Phone:713-684-1244

CAGE:TO213

===== Composition/Informati

on on Ingredients =====

Ingred Name:TALC (POWDER), CONTAINING NO ASBESTOS FIBERS; (MAGNESIUM SILICATE HYDRATE)

CAS:14807-96-6

RTECS #:WW2710000

Minumum % Wt:25.

Maxumum % Wt:50.

OSHA PEL:see Table Z-3

ACGIH TLV:2 MG/M3

Ingred Name:N-BUTYL ALCOHOL

CAS:71-36-3

RTECS #:EO1400000

Minumum % Wt:25.

Maxumum % Wt:50.

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:POLYAMINE ADDUCT

CAS:68953-09-3

Minumum % Wt:10.

Maxumum % Wt

:25.

Ingred Name:TITANIUM DIOXIDE

CAS:13463-67-7

RTECS #:XR2275000

Minumum % Wt:1.

Maxumum % Wt:10.

OSHA PEL:15 MG/M3

ACGIH TLV:10 MG/M3

Ingred Name:FERRIC OXIDE

CAS:1309-37-1

RTECS #:NO7400000

Minumum % Wt:1.

Maxumum % Wt:10.

OSHA PEL:10 MG/M3

ACGIH TLV:5 MG/M3;2 PPM

Ingred Name:TOFA REACTION PRODUCT W/TEPA

CAS:68953-36-6

Minumum % Wt:1.

Maxumum % Wt:10.

Ingred Name:SILICA, CRYSTALLINE-QUARTZ; (CRYSTALLINE SILICA)

CAS:14808-60-7

RTECS #:VV7330000

Minumum % Wt:0.

Maxumum % Wt:1.

OSHA PEL:see

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INHALATION: CAUSES NOSE AND THROAT IRRITATION. HARMFUL IF INHALED. VAPOR HARMFUL MAY AFFECT THE BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. MAY CAUSE ALLERGIC RESPIRATORY REA CTION. CAUSES LUNG IRRITATION. EYE

CONTACT: CAUSES EYE BURNS. SKIN CONTACT: CAN BE ABSORBED THROUGH THE SKIN. MAY CAUSE ORGAN DAMAGE. CAUSES SKIN BURNS. MAY CAUSE ALLERGIC SKIN REACTION OR SKIN SENSIT IZATION. INGESTION: HARMFUL IF SWALLOWED. CHRONIC: CANCER HAZARD. CONTAINS AN INGREDIENT WHICH CAN CAUSE CANCER. RISK OF CANCER DEPENDS ON DURATION AND LEVEL OF EXPOSURE. OVEREXPOSURE TO RESPIRABLE CR YSTALLINE SILICA (EFTS OF OVEREXP)

Explanation of Carcinogenicity:SILICA, CRYSTALLINE-QUARTZ: IARC MONOG

RAPHS ON EVALUATION OF CARCIN RISK OF CHEM TO MAN: VOL 68, PAGE 41, 1997: GROUP 1. NTP 8TH ANNUAL RPT ON CARCIN 1998: REASONABLY ANTICIPATED TO BE HUMAN CARCIN.

Effects of Overexposure:HLTH HAZ: DUST CAN CAUSE SILICOSIS, A FORM OF PROGRESSIVE PULMONARY FIBROSIS. CRYSTALLINE SILICA IS LISTED BY IARC AS A GROUP 1 KNOWN HUMAN CARCINOGEN. NTP LISTS IT AS A GROUP 2, SUBSTANCE WHICH MAY R EASONABLY BE ANTICIPATED TO BE A CARCINOGEN.

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

First Aid:GENERAL: IN ALL CASES OF DOUBT/WHEN SYMPTOMS PERSIST, SEEK MED ATTN. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON. INHAL: REMOVE TO FRESH AIR. IF DISCOMFORT IS PRESENT/BREATHING IS ABSENT GET ME DICAL ATTENTION IMMEDIATELY. EYE CONTACT: FLUSH IMMEDIATELY W/PLENTY OF WATER FOR AT LEAST 15 MIN UNTIL IRRIT SUBSIDES. IF IRRIT PERSISTS, GET MEDICAL ATTENTION. SKIN CONTACT: FLUSH WI/LARGE AMOUNTS O F WATER. USE SOAP IF AVAILABLE. REMOVE

SEVERELY CONTAMINATED CLOTHING (INCLUDING SHOES) & WASH BEFORE REUSE. IF IRRIT PERSISTS, GET MED ATTENTION. INGEST: IF SWALLOWED, DO NOT INDUCE VOMITING. KEEP AT REST. GET PROMPT MED ATTENTION.

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

Flash Point:=37.2C, 99.F

Lower Limits:1%

Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures:USE NIOSH APPRVD SCBA & FULL PROT EQUIP .

ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIP & OPEN FLAME. CLOSED

CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. IN ABSENCE OF ELECTRICITY, WATER SPRAY (FOG NOZZLE IS PREFERRED) MAY BE USED TO COOL CONTAINERS. DECOMP & COMBUSTION PRODUCTS MAY BE TOXIC.

Unusual Fire/Explosion Hazard:OSHA CLASSIFICATION: FLAMMABLE LIQUID - CLASS IC.

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

Spill Release Procedures:CONTAIN SPILLED LIQUID WITH SAND OR EARTH. DO NOT USE COMBUSTIBLE MATERIALS SUCH AS SAWDUST. ABSORB

SPILL WITH

INERT MATERIAL (E.G., DRY SAND OR EARTH), THEN 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. (SEE STABILITY AND REACTIVITY SECTION 10.) KEEP AWAY FROM HEAT , SPARKS AND FLAMES. PROTECT MATERIAL FROM DIRECT SUNLIGHT.

Other Precautions

:GROUND AND BOND CONTAINERS WHEN TRANSFERRING

MATERIALS. EMPTY CONTAINERS MAY RETAIN HAZARDOUS PROPERTIES. FOLLOW ALL MSDS/LABEL WARNING, EVEN AFTER THE CONTAINER IS EMPTIED.

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

Respiratory Protection:DO NOT BREATHE VAPORS OR SPRAY MIST. IF YOU EXPERIENCE EYE WATERING, HEADACHE OR DIZZINESS OR IF AIR MONITORING DEMONSTRATES VAPOR/MIST LEVELS ARE ABOVE APPLICABLE LIMITS, WEAR AN APPROPRIATE, PROPER LY FITTING

RESPIRATOR (NIOSH APPROVED) DURING AND AFTER APPLICATION. FOLLOW RESPIRATOR MANUFACTURE'S DIRECTIONS FOR RESPIRATOR USE.

Ventilation:PROVIDE SUFFICIENT VENT, IN VOLUME & PATTERN, TO: A) KEEP TLV OF HAZ INGREDIENTS BELOW LIMITS SPECIFIED IN SECTION 2. B) REMOVE VOLATILES PRODUCED (SUPDAT)

Protective Gloves:CHEMICAL RESISTENT GLOVES.

Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:EYE WASH AND DELUGE SHOWER MEETING ANSI DESIGN CRITERIA . AS NE

EDED, USE BODY PROTECTION TO AVOID CONTACT WITH PRODUCT.

Supplemental Safety and Health

VENT: DURING CURE AND DECOMPOSITION PRODUCTS PRODUCED DURING WELDING OR CUTTING ON SURFACES COATED WITH THIS PRODUCT.

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

Boiling Pt:=117.2C, 243.F

Vapor Density:HVR/AIR

Spec Gravity:1.398

Evaporation Rate & Reference:SLOWER/ETHER

Appearance and Odor:LIQUID.

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

Stab

ility Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:MAY PRODUCE HAZARDOUS FUMES WHEN HEATED TO DECOMPOSITION AS IN WELDING. FUMES MAY PRODUCE CARBON DIOXIDE AND CARBON MONOXIDE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicological Information:THERE IS NO DATA AVAILABLE ON THE PRODUCT ITSELF. NOTICE: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATION

AL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTION AL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

===== Ecological Information =====

Ecological:THERE IS NO DATA AVAILABLE ON THE PRODUCT ITSELF.

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

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

UNOPENED CONTAINERS.

===== MSDS Transport Information =====

Transport Information:DOT (DEPARTMENT OF TRANSPORTATION): PROPER SHIPPING NAME: PAINT. HAZARD CLASS: FLAMMABLE LIQUID, 3. UN NUMBER: UN1263. PACKING GROUP: PACKING GROUP III.

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

SARA Title III Information:NONE KNOWN UNLESS CHEMICALS ARE SPECIFIED BELOW. SECTION 302 REPORTABLE INGREDIENTS. 313 REPORTABLE INGREDIENTS 000071-36-3 N-BUTYL ALCOHOL.

Federal Regulatory Information:TSCA (TOXIC SUBSTANCE CONTROL ACT): COMPONENTS OF THIS PRODUCT ARE LISTED ON TSCA INVENTORY. CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): WE RECOMMEND YOU CONTACT LOCAL AUTHORITIES TO DETERMINE IF THERE MAY BE OTHER LOCAL REPORTING REQUIREMENTS.

State Regulatory Information:CALIFORNIA PROPOSITION 65: NONE KNOWN UNLESS SPECIFIED BELOW. WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

===== Other Information =====

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.