

INTERNATIONAL PAINT INC -- 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

Status Code:A

MSDS Number: CLNNH

=== Responsible Party ===

Company Name:INTERNATIONAL PAINT INC

Address:6001 ANTOINE DRIVE

City:HOUSTON

State:TX

ZIP:77091

Coun

try:US

Info Phone Num:713-684-1244

Emergency Phone Num:800-854-6813

Preparer's Name:ERNEST CARTER

Chemtrec Ind/Phone:(800)424-9300

CAGE:0TZS5

=== 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:0TZS5

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

Ingred Name:MAGNESIUM SILICATE HYDRATE

CAS:14807-96-6

Code:F

RTECS #:WW2710000

Minimum % Wt:25.

Maximum % 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 #:NO7400

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Minumum % Wt:1.

Maxumum % Wt:10.

OSHA PEL:10 MG/M3

ACGIH TLV:5 MG/M3;2 PPM

Ingred Name:TOFA, REACTION PRODUCT WITH TEPA

CAS:68953-36-6

Minumum % Wt:1.

Maxumum % Wt:10.

Ingred Name:SILICA-CRYSTALLINE

CAS:14808-60-7

Code:F

RTECS #:VV7330000

Minumum % Wt:0.

Maxumum % Wt:1.

OSHA PEL:SEE TABLE Z-3

ACGIH TLV:0.1 MG/M3

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSH

A:NO

Health Hazards Acute and Chronic: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 REACTION. 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 SENSITIZATION. INGESTION: HARMFUL IF SWALLOWED.

Ex

planation of Carcinogenicity:LISTS IT AS A GROUP 2, SUBSTANCE WHICH MAY REASONABLY BE ANTICIPATED TO BE A CARCINOGEN.CONTAINS AN INGREDIENT LISTED AS KNOWN OR SUSPECTED CARCINOGEN; CRYSTALLINE SILICA IS GROUP 1 CARCINOGEN.

Effects of Overexposure:CHRONIC: CANCER

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

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

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

Flash Point:=-99.C, 210.2F

Lower Limits:1

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 (FOG NOZZLE 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

ST. ABSORB SPILL WITH AN
INERT MATERIAL (E.G., DRY SAND OR EARTH), THEN PLACE IN A CHEMICAL
WASTE CONTAINER.

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===== 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. GROUND AND BOND CONTAINERS WHEN
TRANSFERRING MATERIALS. EMPTY CONTAINERS MAY RETAIN HAZARDOUS
PROPERTIES. FOLLOW ALL MSDS/LAB

EL WARNINGS, EVEN AFTER THE
CONTAINER

Other Precautions:KEEP AWAY FROM HEAT, SPARKS, AND FLAMES. PROTECT
MATERIAL FROM DIRECT SUNLIGHT.

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===== 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, PROPERLY FITTED RESPIRATOR (NIOSH APPROVED) DURING
AN

D AFTER APPLICATION. FOLLOW RESPIRATOR MANUFACTURE'S DIRECTIONS
FOR RESPIRATOR USE.

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

Protective Gloves:WEAR CHEMICAL RESISTANT GLOVES.

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

Other Protective Equipment:USE BODY PROTECTION TO AVOID CONTACT WITH
PRODUCT.

Supplemental Safety and Health

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

Boiling Pt.=117.2C, 243.F

Vapor Density:HEAVIER

Spec Gravity:1.398

Evaporation Rate & Reference:SLOWER/ETHER

Appearance and Odor:LIQUID

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:MAY PRODUCE HAZARDOUS FUMES WHEN
HEATED TO DECOMPOSITION AS IN WELDING. FU

MES MAY PRODUCE CARBON
DIOXIDE AND CARBON MONOXIDE.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicological Information: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 C ONTENTS MAY BE HARMFUL OR FATAL.

===== Ecological Information =====
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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.

===== 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 DETERM
INE 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 =====

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