

TRIANGLE COATINGS INC -- GREEN ZINC CHROMATE MODIFIED ALKYD PRIMER TTP1757A002 --
8010-00-582-5318

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

Product ID:GREEN ZINC CHROMATE MODIFIED ALKYD PRIMER TTP1757A002

MSDS Date:10/26/1992

FSC:8010

NIIN:00-582-5318

MSDS Number: BVZGK

=== Responsible Party ===

Company Name:TRIANGLE COATINGS INC

Address:1930 FAIRWAY DR

City:SAN LEANDRO

State:CA

ZIP:94577-5631

Country:

US

Info Phone Num:415-895-8000

Emergency Phone Num:415-895-8000

CAGE:0GB20

=== Contractor Identification ===

Company Name:TRIANGLE COATINGS INC

Address:1930 FAIRWAY DR

Box:City:SAN LEANDRO

State:CA

ZIP:94577-5631

Country:US

Phone:800-895-8000

CAGE:0GB20

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

Ingred Name:ISOBUTYL ALCOHOL (SARA III)

CAS:78-83-1

RTECS #:NP9625000

Fraction by Wt: 10%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:50 PPM; 9394

EPA Rpt Qt

y:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:NAPHTHA, HEAVY STRAIGHT RUN
CAS:64741-41-9
Fraction by Wt: 15%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:300 PPM
ACGIH TLV:300 PPM

Ingred Name:MINERAL SPIRITS
CAS:64475-85-0
RTECS #:PY8240000
Fraction by Wt: 20%
Other REC Limits:NONE RECOMMENDED

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM/150STEL;9394
EPA Rpt Qty:1000 LBS
DO
T Rpt Qty:1000 LBS

Ingred Name:N-BUTYL ACETATE (SARA III)
CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt: 10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:150 PPM
ACGIH TLV:150 PPM/200STEL;9394
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:PHENOLIC RESIN
CAS:54579-44-1
Fraction by Wt: 5%
Other REC Limits:NONE RECOMMENDED

Ingred Name:CHROMIUM (SARA III)
CAS:7440-47-3
RTECS #:GB4200000
Fraction by Wt: 5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:0.5 MG/M3; 9394
EPA Rpt

Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:N-HEPTANE
CAS:142-82-5
RTECS #:MI7700000
Fraction by Wt: 5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:500 PPM
ACGIH TLV:400 PPM/500STEL;9394

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===== 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: INGESTION- GASTROINTESTINAL
IRRITATION. ASPIRATION OF MATERIAL INTO LUNGS MAY CAUSE CHEMI
CAL
PHEUMONITIS WHICH CAN BE FATAL. INHALATION- NOSE & THROAT
IRRITATION. HIGH CONC. CNS DEPRESSION. EYE S- SEVERE IRRITATION &
CORNEAL DAMAGE. SKIN- SEVERE IRRITATION. CHRONIC: BLOOD AND
NEUROLOGICAL DISORDERS.
Explanation of Carcinogenicity:THIS PRODUCT CONTAINS CHROMIUM.
Effects of Overexposure:INGESTION- NAUSEA AND VOMITING. INHALATION-
HEADACHES, DIZZINESS, NAUSEA AND CONFUSION. REPEATED OVEREXPOSURE
MAY CAUSE NERVOUS SYSTEM DAMAGE.
Medical Cond Aggravated by Expos
ure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE LIFTING
EYELIDS. SKIN: FLUSH WITH WATER. REMOVE CONTAMINATED CLOTHING.
INHALATION: REMOVE VICTIM TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL
RESPIRATIO N AS REQUIRED. GET MEDICAL ATTENTION. INGESTION- DO NOT
INDUCE VOMITING. SEEK MEDICAL ATTENTION.

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

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Flash Point Method:SCC
Flash Point:54.0F,12.2C
Lower Limits:0.9
Upper Limits:10.9
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG.
Fire Fighting Procedures:WEAR A NIOSH APPROVED SELF-CONTAINED BREATHING
APPARATUS AND FULL PROTECTIVE EQUIPMENT WHEN FIGHTING FIRES. USE
WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.
Unusual Fire/Explosion Hazard:THIS MATERIAL IS FLAMMABLE AND MAY BE
IGNITED BY HEAT, SPARKS, FLAME OR STATIC ELECTRICITY.

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===== Accidental

Release Measures =====

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. VENTILATE AND REMOVE WITH INERT ABSORBENT. STAY UPWIND AND AWAY FORM SPILL. NOTIFY APPROPRIATE STATE/LOCAL AGENCIES.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES. KEEP CONTAINERS THIGHTLY CLOSED. STORE AWAY FROM STRONG OXIDIZING AGENTS.

Other Precautions:DO NOT WELD, HEAT OR DRILL ON OR NEAR CONTAINER; EVEN EMPTIED CONTAINERS CAN CONTAIN EXPLOSIVE VAPORS.

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

Respiratory Protection:DEPENDING ON THE NATURE AND CONCENTRATION OF THE AIRBORNE MATERIAL, USE A RESPIRATOR OR GAS MASK WITH APPROPRIATE CARTRIDGES AND CANNISTERS OR SUPPLIED AIR EQUIPMENT.

Ventilation:USE EXPLOSION-PROOF VENTILATION AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS. ADDITIONAL VENTILATION MAY BE REQUIRED.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO PREVENT SKIN CONTACT.

Work Hygienic Practices:WASH WITH AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDER CONTAMINATED CLOTHING.

Supplemental Safety and Health
NONE

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

HCC:F3

Boiling Pt:B.P. Text:202-395F

Vapor Density:> AIR

Spec Gravity:8.7 LB/GL

Evaporation Rate & Reference:FASTER THAN BUTYL ACETATE

Solubility in Water:NEGLIGIBLE

Appearance and Odor:GREENISH COLOR, MILD AROMATIC SOLVENT ODOR.

Percent Volatiles by Volume:50.5

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

Stability Indicator/Materials to Avoid:YES
ALKALIES, AQUEOUS ACIDS, AMINES AND ACIDIC ALCOHOLS.

Stability Condition to Avoid:HEAT, SPARKS AND OPEN FLAMES.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, AND UNIDENTIFIED ORGANIC COMPOUNDS.

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Disposal Considerations =====

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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