

TRIANGLE COATINGS, INC. -- ZINC CHROMATE PRIMER GREEN TTP1757A002 -- 8010-00-582-5318
===== Product Identification =====

Product ID:ZINC CHROMATE PRIMER GREEN TTP1757A002
MSDS Date:08/10/1998
FSC:8010
NIIN:00-582-5318
Status Code:A
MSDS Number: CKJNN
=== Responsible Party ===
Company Name:TRIANGLE COATINGS, INC.
Address:1930 FAIRWAY DRIVE
City:SAN LEANDRO,
State:CA
ZIP:94577-5631
Country:US

Info
Phone Num:800-895-8000
Emergency Phone Num:800-895-8000 (CHEMTREC 800-424-9300)
Chemtrec Ind/Phone:(800)424-9300
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:VM & P NAPHTHA
CAS:64742-48-9
Fraction by Wt: 20.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:400 TWA
ACGIH TLV:30

0 PPM
ACGIH STEL:400 PPM

Ingred Name:N-BUTYL ACETATE (CERCLA)
CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt: 15.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:150 PPM
ACGIH TLV:150 PPM
ACGIH STEL:200 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ISOBUTINOL (SARA 313) (CERCLA)
CAS:78-83-1
RTECS #:NP9625000
Fraction by Wt: 15%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:50 PPM
ACGIH TLV:50 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:CHROMIUM (SARA 313) (CERCLA)
CAS:7440-
47-3
RTECS #:GB4200000
Fraction by Wt: 5.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:0.5 MG/M3
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:XYLENES (SARA 313) (CERCLA)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 5.0%
OSHA PEL:100 PPM
ACGIH TLV:100 PPM
ACGIH STEL:150 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:N-HEPTANE
CAS:142-82-5
RTECS #:MI7700000
Fraction by Wt: 5.0%
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:400 PPM
ACGIH STEL:500 PPM

=====

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

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

Health Hazards Acute and Chronic:EYE: IRRITATING (PAIN, TEARING, REDDENING, SWELLING, STINGING SENSATION). SKIN: DEFATTING, DRYING, IRRITATION, DERMATITIS. INHAL: HEADACHE, DIZZINESS, NAUSEA, DECREASED BLOOD PRESSURE, ARRHYTHMIA, CYANOSIS. INGEST: HARMFUL/FATAL IF SWALLOWED. CHRONIC: MAY CAUSE NERVOUS SYSTEM DAMAGE. REPORTS HAVE ASSOCIATED OVEREXPOSURE TO SOLVENTS

W/
PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

Effects of Overexposure:HARMFUL IF SWALLOWED OR INHALED. OVEREXPOSURE COULD CAUSE TARGET ORGAN OR SYSTEM DAMAGE (LUNG, NERVOUS SYSTEM, BLOOD DISORDERS, LIVER, KIDNEY, IMMUNE SYSTEM, CARDIOVASCULAR SYSTEM, THYROID, TESTICULAR, OVARIAN, ETC).

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

First Aid:EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER >15 MIN, GET MEDICAL AID. SKIN: WASH WITH SOAP/WATER, GET MEDICAL AID, REMOVE CONTAMINATED CLOTHING/SHOES, WASH BEFORE REUSE. INHAL: GET FRESH AIR, IF NO BREATH, GIVE ARTIFICIAL RESPIRATION, IF BREATHING IS DIFFICULT, GIVE OXYGEN, GET IMMEDIATE MEDICAL AID. INGEST: INDUCE VOMIT IMMEDIATELY AS DIRECTED BY DOCTOR, NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON, GET MEDICAL AID IMMEDIATELY.

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

Flash Point Method:SCC

Flash Point:12.2C, 54.F

Autoignition Temp:>204.4C, 400.F

Lower Limits:0.9

Upper Limits:10.9

Extinguishing Media:ALCOHOL FOAM, CO2, DRY CHEMICAL FOAM, WATER FOG.

Fire Fighting Procedures:CONTAINERS CAN BUILD UP PRESSURE IF EXPOSED TO HEAT. WEAR PRESSURE DEMAND SCBA, FULL PROTECTIVE GEAR. WATER RUN OFF CAN CAUSE ENVIRONMENTAL DAMAGE. DIKE/COLLECT WATER USED TO FIGHT FIRE.

Unusual Fire/Explosion Hazard:FLAMMABLE LIQUID. CAN RELEASE VAPORS THAT FORM EXPLOSIVE MIXTURES @ TEMPERATURES AT OR ABOVE FLASH POINT. EMPTY CONTAINERS RETAIN RESIDUE & CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND

ND, OR EXPOSE SUCH CNTRS TO
HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF
IGNITION.

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

Spill Release Procedures: VENTILATE AREA, ABSORB SPILL W/SUITABLE
ABSORBENT, THEN PLACE IN CHEMICAL WASTE CONTAINER. IF LARGE SPILL
DIKE AREA, CALL SPILL RESPONSE TEAM, AND NOTIFY APPROPRIATE
STATE/LOCAL AGENCIES.

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

Handling and Storage Precautions: WASH THOROUGHLY AFTER HANDLING. KEEP
AWAY FROM HEAT, SPARKS, & FLAME. KEEP CONTAINER CLOSED WHEN NOT IN
USE. DO NOT WELD, HEAT, OR DRILL ON/NEAR CONTAINER. EVEN EMPTY
CONTR CONTAIN EXPLOSIVE VAPORS. STORE AWAY FROM STRONG OXIDIZING
AGENTS IN COOL, DRY PLACE W/APPROPRIATE VENTILATION.

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

Respiratory Protection: NIOSH/MSHA APPROVED AIR PURIFYING RESPIRATOR
W/ORGANIC VAPOR CARTRIDGE OR CANISTER WHERE CONCENTRATIONS EXPECTED
TO EXCEED EXPOSURE LIMITS. PROTECTION PROVIDED BY AIR PURIFYING
RESPIRATORS IS LIMITED. USE POSITIVE PRESSURE AIR SUPPLIED
RESPIRATOR WHEN AIR PURIFIER MAY NOT BE SUFFICIENT. RESPIRATORY
PROTECTION PROGRAM THAT MEETS OSHA 1910.134 & ANSIZ88.2.
Ventilation: LOCAL EXHAUST VENTILATION, USE EXPLOSION PROOF VENTILATION
EQUIPMENT.

Protective Gloves: CHEMICAL RESISTANT.

Eye Protection: GOGGLES/FACE SHIELD.

Other Protective Equipment: GROUND AND BOND CONTAINERS WHEN TRANSFERRING

MATERIAL. USE SPARK PROOF TOOLS & EXPLOSION PROOF EQUIPMENT. WHERE
CONTACT IS LIKELY, WEAR CHEMICAL SUIT & RUBBER BOOTS.

Work Hygienic Practices: WASH BEFORE EAT/DRINK/SMOKE. REMOVE CONTAMINATED
CLOTHING AND WASH BEFORE REUSE. AVOID CONTACT W/EYES/SKIN/CLOTHING.

Supplemental Safety and Health

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

Boiling Pt: B.P. Text: 202 TO 300F

Melt/Freeze Pt: M.P/F.P Text: NONE

Vapor Pres: >9.6

Vapor Density: >AIR

Spec Gravity: 1.0595

VOC Pounds/Gallon:534

pH:NA

VOC Grams/Liter:4.45

Viscosity:20-25 #2 ZAHN

Evaporation Rate & Reference: