

TRIANGLE COATINGS, INC. -- ALKYD ENAMEL GREEN 14516 -- 8010-00-584-3329

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

Product ID:ALKYD ENAMEL GREEN 14516

MSDS Date:10/07/1991

FSC:8010

NIIN:00-584-3329

MSDS Number: BNTHY

=== Responsible Party ===

Company Name:TRIANGLE COATINGS, INC.

Address:1930 FAIRWAY DRIVE

City:SAN LEANDRO

State:CA

ZIP:94577

Country:US

Info Phone Num:415-895-8000

Emergency Phone Num:800-42

4-9300(CHEMTREC)

Preparer's Name:JBR

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:VERY LONG OIL ALKYD (SARA 313) (VAPOR PRESSURE 6.8 MM HG @  
20C)

Fraction by Wt: 35%

Other REC Limits:NONE SPECIFIED

ACGIH TLV:100 PPM

Ingred Name:ZINC OXIDE (SARA 313)

CAS:1314-13-2

RTE

CS #:ZH4810000  
Fraction by Wt: 10%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15MG/M3 TDUST/5 FUME  
ACGIH TLV:10MG/M3 TDUST; 9293

Ingred Name:HYDROCARBON MIXTURE (VAPOR PRESSURE 2.0 MM HG @ 20C)  
CAS:64741-41-9  
Fraction by Wt: 20%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM  
ACGIH TLV:200 PPM

Ingred Name:VOC: 1.97 LB/GL (237 G/L)  
RTECS #:9999999VO  
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES In  
gestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE TOXICITY: OVEREXPOSURE CAN LEAD  
TO CENTRAL NERVOUS SYSTEM DEPRESSION PRODUCING SUCH EFFECTS AS  
HEADACHE/DIZZINESS/NAUSEA/LOSS OF CONSCIOUSNESS. EYE: SHORT-TERM  
CONTACT-SLIGHT IRRITATING. PROLONG /REPEAT CONTACT: MORE  
IRRITATING. SKIN:PROLONG/REPEAT LIQUID CONTACT CAN CAUSE DEFATTING  
AND DRYING OF THE SKIN WHICH\*

Effects of Overexposure:\*MAY RESULT IN SKIN IRRITATION AND DER  
MATITIS.

TESTS SHOW OVEREXPOSURE MAY CAUSE BLOOD DISORDERS AND NEUROLOGIC  
DISORDERS. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED  
OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND  
NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE OF THIS PRODUCT MAY BE  
HARMFUL OR FATAL.

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

First Aid:EYE: FLUSH W/WTR-15 MIN, HOLD LIDS OPEN. GET MED AID. SKIN:  
WASH W/SOAP & WTR. RMV CONTAM CLOTHING & SHOES; DO NOT R

EUSE UNTIL

CLEANED. IF PERSISTENT IRRIT OCCURS, GET MED AID. INHAL: REMOVE TO FRESH AIR/PROVIDE OXYGEN IF BREATH DIFFICULT.GIVE ARTIF RESP IF NOT BREATHING. GET MED AID. IF SWALLOWED, SEEK EMERG MED ATTN. DO NOT GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON. DO NOT INDUCE VOMITING.

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

Flash Point Method:SCC

Flash Point:105F,41C

Lower Limits:1.0

Upper Limits:7.0

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE  
, FOAM, WATER FOG.

Fire Fighting Procedures:EVAC AREA OF UNPROTECT PERSONNEL. WEAR PROPER PROTECT CLOTH W/SCBA. COOL FIRE-EXPOS CNTNRS W/WTR. AVOID SPREADING BURNING LIQ W/WTR USED FOR COOLING PURPOSES.

Unusual Fire/Explosion Hazard:THIS MATERIAL IS FLAMMABLE AND MAY BE IGNITED BY HEAT, SPARKS, FLAME OR STATIC ELECTRICITY.

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

Spill Release Procedures:STAY UPWIND/AWAY FROM SPILL. KEEP ALL SOURCES OF IGNITION/HOT ME

TAL SURFACES AWAY FROM SPILL. IF SPILL IS INDOORS, VENTILATE AREA OF SPILL. IF LARGE SPILL: CALL SPILL RESPONSE TEAM. NOTIFY APPROPRIATE STATE/LOCAL AGENCIES.

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

Handling and Storage Precautions:KEEP FROM HEAT/SPARKS/OPEN FLAME. KEEP CNTNRS TIGHTLY CLSD. STORE AWAY FROM STRONG OXIDIZING AGENTS IN A COOL, DRY PLACE W/ADEQUATE EXPLOSION-PROOF\*\*

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 (NIOSH APPROVED, IF AVAILABLE) OR SUPPLIED AIR EQUIPMENT.

Ventilation:USE EXPLOS-PROOF VENT AS REQ TO CONTROL VAPOR CONC. TO MAINTAIN AIRBORNE CONC BELOW THE ESTABLISHED EXPOS LIMITS. #

Protective

Gloves:IMPERVIOUS GLOVES

Eye Protection:CHEMICAL GOGGLES

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

Work Hygienic Practices:WASH W/SOAP & WATER BEFORE EATING/DRINKING/SMOKING/USING TOILET FACILITIES. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

\*\*VENTILATION. GROUND EQUIPMENT TO PREVENT ACCUMULATION OF STATIC CHARGE. IF POURING OR TRANSFERRING MATERIALS, CONTAINERS MUST BE BONDED AND GROUNDED.

#ADDITIONAL

VENTILATION OR EXHAUST SYSTEMS MAY BE REQUIRED.

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

HCC:F4

Boiling Pt:B.P. Text:212 - 395F

Vapor Density:>THAN AIR

Spec Gravity:12.2 LB/GL

Percent Volatiles by Volume:30.1

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:AVOID HEAT, SPARKS AND OPEN FLAME. AVOID CONTACT WITH

ALKALIES, AQUEOUS ACIDS, AMINES AND ACIDIC ALCOHOLS.

Hazardous Decomposition Products:THERMAL DECOMPOSITION IN THE PRESENCE OF AIR MAY YIELD CARBON MONOXIDE AND/OR CARBON DIOXIDE.

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

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

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.