

TRIANGLE COATINGS INC -- MIL-C-8514C YELLOW PRIMER -- 8030-01-015-6104

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Product Identification  
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Product ID:MIL-C-8514C YELLOW PRIMER

MSDS Date:07/19/1999

FSC:8030

NIIN:01-015-6104

Status Code:A

Kit Part:Y

MSDS Number: CLGHQ

=== Responsible Party ===

Company Name:TRIANGLE COATINGS INC

Address:1930 FAIRWAY DR

City:SAN LEANDRO

State:CA

ZIP:94577-5631

Country:US

Info Phone Num:800-895-8000

Emergency Phone Num:800-895-8000

Preparer's Name:RYAN MICKELSON

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

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Composition/Information on Ingredients  
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Ingred Name:ETHYL ALCOHOL

CAS:64-17-5

RTECS #:KQ6300000

= Wt:65.

OSHA PEL:1900 MG/M3;1000 PPM

ACGIH TLV:1880 MG/M3;1000 PPM

Ingred Name:BUTYL ALCOHOL

CAS:71-36-3

RTECS #:EO14

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= Wt:25.  
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:ZINC CHROMATE  
CAS:13530-65-9  
RTECS #:GB3290000  
= Wt:10.  
ACGIH TLV:0.01 MG/M3

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

Health Hazards Acute and Chronic:CHRONIC HAZARDS: OVEREXPOSURE MAY CAUSE NERVOUS SYSTEM DAMAGE. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. MISUSE OF THIS PRODUCT MAY BE HARMFUL OR FATAL.

Effects of Overexposure:EYE CONTACT: LIQUID, AEROSOLS AND VAPORS OF THIS PRODUCT ARE IRRITATING AND CAN CAUSE PAIN, TEARING, REDDENING AND SWELLING ACCOMPANIED BY A STINGING SENSATION AND/OR A FEELING LIKE THAT OF FINE DUST IN THE EYES. EFFECTS OF OVEREXPOSURE-SKIN CONTACT: PROLONGED OR REPEATED CONTACT CAN RESULT IN DEFATTING AND DRYING OF THE SKIN WHICH MAY RESULT IN SKIN IRRITATION AND DERMATITIS (R

ASH). EFFECTS OF OVEREXPOSURE- INHALATION: HEADACHES, DIZZINESS, NAUSEA, DECREASED BLOOD PRESSURE, CHANGES IN HEART RATE AND CYANOSIS MAY RESULT FROM OVEREXPOSURE TO VAPOR OR SKIN EXPOSURE. PROLONGED INHALATION MAY BE HARMFUL.

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

First Aid:EYE CONTACT: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION, IF IRRITATION PERSISTS. FIRST AID-SKIN CONTACT: WASH WITH SOAP AND WATER. GET

MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS. REMOVE CONTAMINATED CLOTHING AND SHOES. DO NOT REUSE UNTIL CLEANED. FIRST AID-INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET IMMEDIATE MEDICAL ATTENTION. FIRST AID-INGESTION: IF SWALLOWED, INDUCE VOMITING IMMEDIATELY AS DIRECTED BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION IMMEDIATELY.

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Fire Fighting Measures  
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Flash Point Method:SCC

Flash Point:=15.6C, 60.F

Autoignition Temp:=419.C, 786.2F

Lower Limits:1.4

Upper Limits:19.0

Extinguishing Media:ALCOHOL FOAM, CO2, DRY CHEMICAL, FOAM

Fire Fighting Procedures:CONTAINERS CAN BUILD UP PRESSURE IF EXPOSED TO HEAT (FIRE). AS IN ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE DEMAND (MSHA/NIOSH APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR. WATER RUNOFF CAN CAUSE ENVIRONMENTAL DAMAGE.

DIKE AND COLLECT WATER USED TO FIGHT FIRE.

Unusual Fire/Explosion Hazard:FLAMMABLE LIQUID. CAN RELEASE VAPORS THAT FORM EXPLOSIVE MIXTURES AT TEMPERATURES AT OR ABOVE THE FLASHPOINT. EMPTY CONTAINERS RETAIN PRODUCT RESIDUE (LIQUID AND/OR VAPOR) AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY

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

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Handling and Storage  
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Handling and Storage Precautions:HANDLING: WASH THOROUGHLY AFTER HANDLING. STORAGE: KEEP AWAY FROM HEAT, SPARKS AND FLAME. KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT WELD, HEAT OR DRILL ON OR NEAR CONTAINER; EVEN EMPTIED CONTAINERS CAN CONTAIN EXPLOSIVE VAPORS. STORE AWAY FROM STRONG OXIDIZING AGENTS IN A COOL, DRY PLACE WITH A

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Exposure Controls/Personal Protection  
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Respiratory Protection:A NIOSH/MSHA APPROVED AIR PURIFYING RESPIRATOR WITH AN ORGANIC VAPOR CARTRIDGE OR CANISTER MAY BE PERMISSIBLE UNDER CERTAIN CIRCUMSTANCES WHERE AIRBORNE CONCENTRATIONS ARE EXPECTED TO EXCEED EXPOSURE LIMITS. PROTECTI

ON PROVIDED BY AIR

PURIFYING RESPIRATORS IS LIMITED. USE A POSITIVE PRESSURE AIR SUPPLIED RESPIRATOR IF THERE IS ANY POTENTIAL FOR AN UNCONTROLL

Ventilation:LOCAL EXHAUST VENTILATION MAY BE NECESSARY TO CONTROL ANY AIR CONTAMINANTS

Protective Gloves:CHEMICAL RESISTANT GLOVES

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS AND FACE SHIELD

Other Protective Equipment:GROUND AND BOND CONTAINERS WHEN TRANSFERRING MATERIAL. USE SPARK-PROOF TOOLS AND EXPLOSION PROOF EQUIPMENT.

Work Hygiene

Practices:ALWAYS WASH HANDS BEFORE EATING, DRINKING, OR SMOKING. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. AVOID BREATHING VAPORS FROM HEATED MATERIAL. AVOID CONTACT WITH EYES, SKIN, AND CLOTHING.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:170-244F

Melt/Freeze Pt:=0.C, 32.F

Spec Gravity:0.9030

Viscosity:57-74 KU

Evaporation Rate & Reference:IS FASTER BUTYL ACETATE

Appearance and Odor:YELLOWI

SH, ALCOHOL

Percent Volatiles by Volume:89.7

===== 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:IF DISCARDED, THIS MATERIAL AND ITS CONTAINERS MAY HAVE TO BE TREATED AS HAZARDOUS WASTE BASED ON THE CHARACTERISTICS OF IGNITABILITY AS DEFINED UNDER FEDERAL RCRA REGULATIONS (40 CFR 261). DISPOSAL OF THIS MATERIAL MAY REQUIRE COMPLIANCE WITH APPLICABLE LABELING, PACKAGING, AND RECORD KEEPING STANDARDS. EXTREME CARE SHOULD BE TAKEN TO ENSURE THAT

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