

TRIANGLE COATINGS, INC. -- VARNISH, INTERIOR, ALKYD RESIN -- 8010-00-168-8810

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

Product ID:VARNISH, INTERIOR, ALKYD RESIN

MSDS Date:11/12/1992

FSC:8010

NIIN:00-168-8810

MSDS Number: BRKBM

=== Responsible Party ===

Company Name:TRIANGLE COATINGS, INC.

Address:1930 FAIRWAY DRIVE

City:SAN LEANDRO

State:CA

ZIP:94577-5631

Country:US

Info Phone Num:415-895-8000

Emergency Phone Num:415-284-9031 800-424-9300(CHEMTREC)

Preparer's Name:N

B

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:HYDROCARBON MIXTURE (VAPOR PRESSURE 2.0 MM HG @ 20C)

CAS:64741-41-9

Fraction by Wt: 50%

Other REC Limits:NONE SPECIFIED

OSHA PEL:TWA 100 PPM

ACGIH TLV:STEL 200 PPM

Ingred Name:PROPOXYPROPANOL (VAPOR PRESSURE 1.7 MM HG @ 20C)

CAS:1569-01-3
RTECS #:UB9351000
Fraction by Wt: 10%
Other REC Limits:NONE SPECIFIED

Ingred Name:VOC 4.16 LB/GAL; 498 G/L
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SKIN: PROLONGED & REPEATED LIQUID
CONTACT CAN CAUSE DEFATTING & DRYING OF THE SKIN WHICH MAY RESULT
IN SK
IN IRRITATION & DERMATITIS. TESTS SHOW OVERXPO MAY CAUSE BLOOD
DISORDERS & NEUROLOGIC DISORDERS . REPORTS HAVE ASSOCIATED
REPEATED/PROLONG OCCUPATIONAL OVEREXPO TO SOLVENTS W/PERMANENT
BRAIN/NERVOUS SYSTEM DAMAGE.
Effects of Overexposure:EYES: SHORT-TERM CONTACT SLIGHT IRRITATION.
PROLONGED & REPEATED CONTACT MAY BE MORE IRRITATING. ACUTE
TOXICITY: OVEREXPO CAN LEAD TO CENTRAL NERVOUS SYSTEM DEPRESSION
PRODUCING SUCH EFFECTS AS HEADACHE, DIZZINESS, NAUSEA, & LOSS OF
CONSCIOUSNESS. INTENTIONAL MISUSE OF THIS PRODUCT MAY BE HARMFUL OR
FATAL.
Medical Cond Aggravated by Exposure:NONE

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

First Aid:EYES: FLUSH W/WATER FOR 15 MIN. WHILE HOLDING EYELIDS OPEN.
GET MEDICAL ATTENTION. SKIN: WASH W/SOAP & WATER. IF PERSISTENT
IRRITATION OCCURS, GET MEDICAL ATTENTION. INHALATION: REMOVE TO
FRESH AIR & PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE CPR IF
NOT BREATHING. GET MEDICAL A
TTENTION. INGESTION: GET MEDICAL
ATTENTION IMMEDIATELY. DON'T GIVE ANYTHING TO UNCONSC.PERSON. DON'T
INDUCE VOMITING.

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

Flash Point Method:SCC
Flash Point:107F,42C
Autoignition Temp:Autoignition Temp Text:445 F
Lower Limits:1.0 %
Upper Limits:16.9 %
Extinguishing Media:WATER FOG, FOAM, DRY CHEMICAL, CO2.
Fire Fighting Procedures:EVACUATE HAZARD AREA OF UNPROTECTED PERSONNEL.
WEAR PROTECTIVE CLOTHING PLUS A NIOSH APP

ROVED SCBA. COOL

CONTAINERS W/WATER. AVOID SPREADING LIQUID WITH WATER.

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 METAL SURFACES AWAY FROM SPILL. IF SPILL
IS INDOORS, VENTILATE AREA OF SPILL. IF LARGE SPILL, CALL SPILL
RESPONSE TEAM. NOTIF
Y APPROPRIATE STATE/LOCAL AGENCIES.

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

Handling and Storage Precautions:KEEP FROM HEAT. KEEP CONTAINERS
TIGHTLY CLOSED. STORE IN COOL DRY PLACE W/ADEQUATE EXPLOSION-PROOF
VENTILATION. GROUND EQUIPMENT TO PREVENT STATIC CHARGE
Other Precautions:DO NOT WELD, HEAT OR SPILL ON OR NEAR CONTAINER, EVEN
EMPTYED CONTAINERS CAN CONTAIN EXPLOSIVE VAPORS. IF POURING OR
TRANSFERRING MATERIALS, CONTAINERS MUST BE BONDED AND GROUNDED.

===== 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:EXPLOSION-PROOF VENTILATION REQUIRED TO CONTROL VAPOR
CONCENTRATIONS BELOW EXPOSURE LIMITS. EXHAUST SYSTEMS MAY BE REQUIRED

Protective Gloves:WEAR IMPERVIOUS GLOVES

Eye Protection

n:WEAR 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 RESTROOM FACILITIES. WASH CONTAMINATED CLOTHING
BEFORE REUSE.

Supplemental Safety and Health

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

HCC:F4

Boiling Pt:B.P. Text:301 TO 395F

Decomp Temp:Decomp Text:500F,260C

Vapor Density:> AIR

Viscosity:C-F GARDNER

Evaporation

Rate & Reference: SLOWER THAN BUTYL ACETATE
Solubility in Water: NEGLIGIBLE
Appearance and Odor: AMBER LIQUID WITH MILD AROMATIC SOLVENT
Percent Volatiles by Volume: 59.6
Corrosion Rate: NON

===== 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 D
ecomposition 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,
STATE & 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.