

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: NB

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 P

PM

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 SKIN 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
PRODUC
ING 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 ATTENTION. INGESTION: GET MEDICAL
ATTENTION IMMEDIATELY. DON'T GIVE ANYTHING TO UNCONSCIOUS 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 UNPR

OTECTED PERSONNEL.

WEAR PROTECTIVE CLOTHING PLUS A NIOSH APPROVED 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 AR
EA OF SPILL. IF LARGE SPILL, CALL SPILL
RESPONSE TEAM. NOTIFY 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: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 A

LKALIES, 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,
STATE & FEDERAL REGULATIONS.

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