

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

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Product Identification
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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

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Composition/Information on Ingredients
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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 BREA

THING IS DIFFICULT. GIVE CPR IF NOT BREATHING. GET MEDICAL ATTENTION. 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 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 CHR

Other Precautions:DO NOT WELD, HEAT OR SPILL ON OR NEAR CONTAINER, EVEN
EMPTIED CONTAINERS CAN CONTAIN EXPLOSIVE VAPORS. IF POURING O

R
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 REQ'D

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 CONTAMINTED 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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