

TRIANGLE COATINGS, INC. -- VARNISH, SPAR, WATER-RESISTING, ALKYD PRIME --  
8010-00-160-5852

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

Product ID:VARNISH, SPAR, WATER-RESISTING, ALKYD PRIME

MSDS Date:05/17/1991

FSC:8010

NIIN:00-160-5852

MSDS Number: BKPGH

=== 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

Preparer's Name:CMK

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:MODIFIED LINSEED OIL (VAPOR PRESSURE 2.0 MM HG @ 20 C)

Fraction by Wt: 55%

Other REC Limits:NONE SPECIFIED

ACGIH TLV:100 TWA

Ingred Name:HYDROCARBON MIXTUR

E (VAPOR PRESSURE 2.0 MM HG @ 20 C)

CAS:64741-41-9

Fraction by Wt: 45%

Other REC Limits:NONE SPECIFIED

ACGIH TLV:100 PPM;200 PPM STEL

Ingred Name:VOC: 3.28 LB/GAL

RTECS #:9999999VO

Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: 394 GR/LTR

RTECS #:9999999VO

Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:ACUTE: OVEREXPOSURE CAN LEAD TO  
CENTRAL NE

RVOUS SYSTEM DEPRESSION PRODUCING SUCH EFFECTS AS

HEADACHE, DIZZINESS, NAUSEA & LOSS OF CONSCIOUSNESS. EYE:

SHORT-TERM CONTACT MAY RESULT IN SLIGHT IRRITATION . PROLONGED &

REPEATED CONTACT MAY BE MORE IRRITATING. SKIN CONTACT: PROLONGED &  
REPEATED LIQUID CAN CAUSE DEFATTING

Effects of Overexposure:& DRYING OF THE SKIN WHICH MAY RESULT IN SKIN

IRRITATION & DERMATITIS. TESTS SHOW OVEREXPOSURE MAY CAUSE BLOOD  
DISORDERS & NEUROLOGIC DISORDERS. REPORTS ASSOCIATED REPEATED &

PROLONGED OCCUPATIONAL OV EREXPOSURE TO SOLVENTS W/PERMANENT BRAIN  
& NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE MAY BE HARMFUL OR  
FATAL.

Medical Cond Aggravated by Exposure:NONE

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

First Aid:EYE: FLUSH W/WATER-15 MIN-HOLD EYELIDS OPEN. GET MEDICAL

ATTENTION. SKIN: WASH W/SOAP & WATER. REMOVE CONTAM CLOTHING &  
SHOES; DO NOT REUSE UNTIL CLEANED. IF IRRIT PERSISTS, GET MEDICAL

AID. INHALE: R EMOVE TO FRESH AIR

. GIVE OXYGEN IF BREATHING

DIFFICULT, CPR IF NOT BREATHING. GET MEDICAL AID. INGEST: GET EMERG

MEDICAL AID. NOTHING BY MOUTH TO UNCONSCIOUS PERSON. DO NOT INDUCE  
VOMITING.

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

Flash Point Method:SCC

Flash Point:102F,39C

Autoignition Temp:Autoignition Temp Text:445 F

Lower Limits:1.0

Upper Limits:6.0

Extinguishing Media:DRY CHEMICAL, WATER FOG, FOAM.

Fire Fighting Procedures:REMOVE UNPROTECTED PERSONNEL. WEAR PROPER

PROTECT CLOTHING INCLUDING NIOSH APPROVED SCBA. COOL FIRE-EXPOSED  
CNTNRS W/ WATER. AVOID SPREADING BURNING LIQ W/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 AND HOT METAL 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 CONTAINERS TIGHTLY CLOSED. GROUND EQUIPMENT TO PREVENT  
ACCUMULATION OF STATIC CHARGE.  
Other Precautions:STORE AWAY FROM STRONG OXIDIZING AGENTS IN A COOL,  
DRY PLACE W/ADEQUATE EXPLOSION-PROOF VENTILATION. IF POURING OR  
TRANSFERRING MATERIALS, CONTAINERS  
MUST BE BONDED & GROUNDED. DO  
NOT WELD, HEAT OR DRILL ON OR NEAR CONTAINER, EVEN EMPTY.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:DEPENDING ON THE NATURE & CONCENTRATION OF THE  
AIRBORNE MATERIAL, USE A RESPIRATOR OR GAS MASK W/APPROPRIATE  
CARTRIDGES & CANNISTERS (NIOSH APPROVED, IF AVAILABLE) OR SUPPLIED  
AIR EQUIPMENT.  
Ventilation:USE EXPLOSION-PROOF VENT TO CONTROL VAPOR CONC. ADDITIONAL  
VENT/ EXHAUST REQUIRED TO MAINTAIN AIRBORNE CONC BELOW EXPOS LIM  
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 WITH SOAP & WATER BEFORE EATING, DRINKING,  
SMOKING OR USING TOILET FACILITIES.  
Supplemental Safety and Health  
LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

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

HCC:F4  
Boiling Pt:B.P. Text:313 TO 400F  
V

apor Density:> AIR

pH:5.5-6.

Viscosity:55-60 KU

Evaporation Rate & Reference:SLOWER THAN BUTYL ACETATE

Solubility in Water:NEGLIGIBLE

Appearance and Odor:AMBER LIQUID WITH MILD AROMATIC SOLVENT ODOR.

Percent Volatiles by Volume:49.4

===== 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 A

CIDS, 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 & 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.