

ZYNOLYTE PRODUCTS INC. -- AEROSOL SPRAY, HI TEMP, BLACK 0635 -- 8010-01-094-8426

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

Product ID:AEROSOL SPRAY, HI TEMP, BLACK 0635

MSDS Date:09/28/1989

FSC:8010

NIIN:01-094-8426

MSDS Number: BJYLT

=== Responsible Party ===

Company Name:ZYNOLYTE PRODUCTS INC.

Address:2320 E. DOMINGUEZ ST.

City:CARSON

State:CA

ZIP:90749-6244

Country:US

Info Phone Num:213-513-0700/800-4

24-9300

Emergency Phone Num:213-513-0700

CAGE:25461

=== Contractor Identification ===

Company Name:ZYNOLYTE PRODUCTS CO

Address:2320 E DOMINGUEZ ST

Box:6244

City:CARSON

State:CA

ZIP:90749

Country:US

Phone:310-513-0700

CAGE:25461

===== Composition/Information on Ingredients =====

Ingred Name:ALKYD RESIN

Other REC Limits:NONE SPECIFIED

Ingred Name:AMORPHOUS SILICA

CAS:112945-52-5

RTECS #:VV7310000

Other REC Limits:NONE SPECIFIED

OSHA PEL:10 MG/M3/15 MG/M3

ACGIH TLV:6 MG/M3/3 M

G/M3

Ingred Name:CARBON BLACK
CAS:1333-86-4
RTECS #:FF5800000
Other REC Limits:NONE SPECIFIED
OSHA PEL:3.5 MG/M3
ACGIH TLV:3.5 MG/M3; 9192

Ingred Name:KAOLIN
CAS:1332-58-7
RTECS #:GF1670500
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:2 MG/M3 TDUST; 9293

Ingred Name:PROPANE
CAS:74-98-6
RTECS #:TX2275000
Other REC Limits:NONE SPECIFIED
OSHA PEL:1000 PPM
ACGIH TLV:ASPHYXIAN; 9192

Ingred Name:MEDIUM MINERAL SPIRITS(LAB STUDIES W/RATS HAVE SHOWN
PETROLEUM DISTILLATES CA
USE KIDNEY DAMAGE & KIDNEY OR LIVER TUMORS)
CAS:64475-85-0
RTECS #:PY8240000
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM

Ingred Name:METHYLENE CHLORIDE (SARA III)
CAS:75-09-2
RTECS #:PA8050000
Other REC Limits:NONE SPECIFIED
OSHA PEL:500 PPM/C,1000; Z2
ACGIH TLV:50 PPM, A2; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:MICA - SILICATES (< 1% CRYSTALLINE SILICA)
CAS:12001-26-2
RTECS #:VV8760000
Other REC Limits:NONE SPECIFIED
OSHA PEL:20 MPPCF
ACGIH TLV:3 MG/M3 RDUST; 9293

In

gred Name:NON-HAZARDOUS POLYMER
Other REC Limits:NONE SPECIFIED

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:VM & P NAPHTHA
CAS:8030-30-6
RTECS #:DE3030000
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:300 PPM

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)
CAS:1330-20-7
RTECS #:ZE2100000
Other REC Limits:NONE SPECIFIED
OSHA PE
L:100 PPM/150 STEL
ACGIH TLV:100 PPM/150STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:REPORTS ASSOCIATE OVEREXPOSURE TO
SOLVENTS WITH PERMANENT BRAIN AND NERVIOUS SYSTEM DAMAGE. SHORTNESS
OF BREATH, MUSCULAR WEAKNESS, LOSS OF CORD. POSSIBLE KIDNEY DAMAGE,
LIVER T
UMORS, GASTRO-INTESTINA L DISRTRESS. NOSE AND THROAT
IRRITATION, CENTRAL NERVOUS SYSTEM EFFECTS AND EYE WATERING.
Explanation of Carcinogenicity:METHYLENE CHLORIDE IS LISTED AS A
CARCINOGEN.
Effects of Overexposure:INGESTION:GASTRO-INTESTINAL
DISTRESS.INHALATION:NOSE & THROAT IRRIT,CENTRAL NERVOUS SYSTEM
EFFECTS SUCH AS DIZZINESS,HEADACHE,NAUSEA,STAGGERING GAIT,CONFUSION
& UNCONSCIOUSNESS & EYE WATERING.EYE:IRRI T OR BURNING,CORROSIVE &
PERM INJURY.SKIN:IRRITATION W/DISCO

MFORT & DERMATITIS OR BURNS.CAN
BE ABSORBED IN HARMFUL AMTS.

Medical Cond Aggravated by Exposure:INCREASED RISK OF HEALTH PROBLEMS
IN HEAVY SMOKERS.

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

First Aid:INGESTION:CALL A PHYSICIAN IMMEDIATELY & HAVE INGREDIENTS
AVAILABLE.DO NOT INDUCE VOMITING.INHALATION:REMOVE TO FRESH AIR.IF
NOT BREATHING GIVE ARTIFICIAL RESPIRATION,PREFERABLE MOUTH TO
MOUTH.IF BREA THING DIFFICULTY PERSISTS/OCCURS LATER,CONSULT

PHYSICIAN.EYE:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15
MIN.CALL A PHYSICIAN.SKIN:WASH WITH SOAP AND WATER.IF IRRITATION
OCCURS CONTACT A PHYSICIAN.

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

Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMCIAL.

Fire Fighting Procedures:FULL PROTECT EQUIP,INCLUDING SCBA IS
RECOMMENDED.WATER MAY BE INEFFECT.WATER FROM FOG NOZZLES MAY BE
USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILDUP.

Unusual Fire/Exp

losion Hazard:CONTENTS UNDER PRESSURE. KEEP AT ROOM
TEMPERATURE AS EXPOSURE TO SUNLIGHT OR OTHER HEAT MAY CAUSE CANS TO
BURST, PROPELLING CONTENTS ACROSS AREA.

===== Accidental Release Measures =====

Spill Release Procedures:VENTILATE AREA. REMOVE SOURCES OF IGNITION.
PREVENT SKIN CONACT AND BREATHING OF VAPORS. CONFINE AND REMOVE
WITH INERT ABSORBENT.

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

Handling and Storage Precauti

ons:OBSERVE LABEL PRECAUTIONS.KEEP AWAY
FROM HEAT,SPARKS & FLAME. DO NOT STORE ABOVE 120F.DO NOT EXPOSE TO
DIRECT SUNLIGHT TO AVOID BURSTING.

Other Precautions:DO NOT SAND, FLAME CUT, BRAZE OR WELD DRY COATING
WITHOUT NIOSH/MSHA APPROVED RESPIRATOR OR APPROPRIATE VENTILATION.
DO NOT PUNCTURE. DO NOT SPRAY NEAR FIRE OR OPEN FLAME.

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

Respiratory Protection:DO NOT BREATHE VAPORS OR MISTS.WEAR AN
APPROPRIATE,PROP

ERLY FITTED RESPIRATOR DURING AND AFTER APPLICATION
UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LEVELS ARE BELOW
APPLICABLE LIMITS.FOLLOW RESPI RATOR MANUFACTURER'S DIRECTIONS FOR
USE.

Ventilation:PROVIDE SUFFICIENT VENTILATION IN VOLUME AND PATTERN TO
KEEP CONTAMINANTS BELOW APPLICABLE OSHA REQUIREMENTS.

Protective Gloves:NEOPRENE GLOVES ARE RECOMMENDED.

Eye Protection:SAFETY GLASSES W/SPLASH GUARD/SIDESHIELD

Other Protective Equipment:COVERALLS ARE RECOMMENDED. PROTECTIVE CRE
AMS

MAY BE USED FOR EASE OF CLEAN-UP.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE
EATING AND SMOKING.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:0F,-18C

Vapor Density:> AIR

Evaporation Rate & Reference:FASTER THAN ETHER

Solubility in Water:MODERATE,APPRECIABLE

Appearance and Odor:BLACK

Percent Volatiles by Volume:92

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:DO NOT STORE ABOVE 120F.

Hazardous Decomposition Products:CO, CO2, SMOKE, OXIDES OF HEAVY
METALS.

===== Disposal Considerations =====

Waste Disposal Methods:DO NOT ALLOW MATERIAL TO CONTAMINATE GROUND
WATER SYSTEMS. INCINERATE ABSORBED MATERIAL IN ACCORDANCE WITH
FEDERAL, STATE AND LOCAL REQUIREMENTS. DO NOT INCINERATE IN CLOSED
CONTAINERS.

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