

CARDINAL INDUSTRIAL FINISHES -- A-4308-17038 AEROSOL GLOSS BLACK -- 8010-01-331-6107

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

Product ID:A-4308-17038 AEROSOL GLOSS BLACK

MSDS Date:01/01/1991

FSC:8010

NIIN:01-331-6107

MSDS Number: BPPHT

==== Responsible Party ===

Company Name:CARDINAL INDUSTRIAL FINISHES

Address:1329 POTRERO AVENUE

City:SOUTH EL MONTE

State:CA

ZIP:91733

Country:US

Info Phone Num:818-444-9

274

Emergency Phone Num:818-444-9274/800-424-9300 CHEMTREC

Preparer's Name:RICHARD STEWART

CAGE:65860

==== Contractor Identification ===

Company Name:CARDINAL INDUSTRIAL FINISHES

Address:1329 POTERO AVE

Box:City:SOUTH EL MONTE

State:CA

ZIP:91733

Country:US

Phone:818-444-9274 OR 213-283-9335

CAGE:65860

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

Ingred Name:XYLENE; DIMETHYL BENZENE; METHYL TOLUENE (SARA III) (VAPOR PRESSURE 9.0 MM HG @ 68F)

CAS:1330-20-7

RTECS #:ZE21

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Fraction by Wt: 10%

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM

ACGIH TLV:150 PPM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:METHYL ETHYL KETONE; 2-BUTANONE (SARA III) (VAPOR PRESSURE 70.0 MM HG @ 68F)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 27%

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM

ACGIH TLV:300 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:DIPROPYLENE GLYCOL MONOMETHYLETHER ACETATE (SARA III)

(VAPOR PRESSURE 1.0 MM HG @ 68F)

by Wt: 1%

Other REC Limits:100 PPM

Ingred Name:PROPANE BLEND (VAPOR PRESSURE 8.6 MM HG @ 68F)

CAS:74-98-6

RTECS #:TX2275000

Fraction by Wt: 25%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM

Ingred Name:COATING VOC: 4.64 LB/GL (556 G/L)

RTECS #:9999999VO

Other REC Limits:NONE SPECIFIED

Ingred Name:MATERIAL VOC: 4.64 LB/GL (556 G/L)

RTECS #:9999999VO

Other REC Limits:NONE SPECIFIED

#### ===== Hazards Identification =====

Routes of Entry: In

halation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHAL: HEADACHE, FATIGUE, WEARINESS, NAUSEA, VOMIT, DIZZINESS, STUPOR, DROWSINESS, DISTURBED VISION, COUGH & UNCONSCIOUSNESS. SKIN: MOD IRRIT, DEFATTING, & DERMATITIS. ABSORPTION: MODERATE IRRIT, DEFATTING, DERMATITIS, DRY SKIN & RASH. INGEST: BREATH SMELLS OF SOLVENT. IRRIT OF LIPS, MOUTH, GI IRRIT, NAUSEA, DIARRHEA

Effects of Overexposure:DROWSINESS,

LOSS OF CONSCIOUSNESS, STATE OF

SHOCK, WEAK & RAPID PULSE, COLD-PALE COMPLEXION. ACUTE: SEVERE EYE IRRITATION, BLURRED VISION, MODERATE SKIN IRRITATION, DEFATTING, DERMATITIS. CHRONIC: LIVER & KIDNEY DAMAGE, PERSISTANT COUGHING, BRAIN DAMAGE & EVEN DEATH.

Medical Cond Aggravated by Exposure:PRE-EXISTING RESPIRATORY CONDITIONS, PRE- EXISTING SKIN DISORDERS, LIVER AND KIDNEY DISORDERS.

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

First Aid:EYES: FL

WASH WITH PLENTY OF WATER FOR 15 TO 30 MINUTES. GET MEDICAL AID. SKIN: WASH EXPOSED AREA WITH MILD SOAP & WATER FOR 15 MINUTES. REMOVE CONTAMINATED CLOTHING. INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. KEEP VICTIM WARM & SEEK MEDICAL ATTENTION.

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

Flash Point:

NR

Lower Limits:1.0

Upper Limits:11.0

Extinguishing Media:FOAM, ALCOHOL FOAM, CO<sub>2</sub>, DRY CHEMICAL, WATER FOG

Fire Fighting Procedures:BEWARE OF EXPLOSIONS. SELF-CONTAINED BREATHING

APPARATUS WITH FULL FACEPIECE OPERATED IN PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODES.

Unusual Fire/Explosion Hazard:HEAT WILL CAUSE EXPLOSION OF AEROSOL

CONTAINER DUE TO INCREASED PRESSURE. PROPANE EXPLOSIVE WHEN EXPOSED TO FLAME. ISOLATE FROM HEAT, SPARKS, ELEC EQUIP & FLAME

===== A  
ccidental Release Measures =====

Spill Release Procedures:FOLLOW INSTRUCTIONS IN OTHER SECTIONS OF MSDS TO PREVENT HEALTH HAZARDS. ELIMINATE ALL SOURCES OF IGNITION, ABSORB LIQUIDS IN ABSORBENT MATERIAL & PREVENT SPREADING TO GROUND WATER.

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

Handling and Storage Precautions:CONTNRS MAY BE HAZARDOUS WHEN EMPTIED, (EMPTIED CONTNRS MAY RETAIN PRODUCT RESIDUALS--VAPORS, LIQUIDS, SOLIDS), OBSERVE ALL PRECAUTIONS GIVEN IN MSDS.

Other Precautions:STORE AT ROOM TEMPERATURE AWAY FROM HEAT SOURCES, AND HAVE LIDS TIGHTLY CLOSED. PROPANE MAY BE NARCOTIC IN VERY HIGH CONCENTRATIONS (OSHA TWA: 1000 PPM, IDHL: 2000 PPM, Z-A TABLE). XYLENE-OSHA TWA: 100 PPM, ACGIH: 150 PPM.

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

Respiratory Protection:ABOVE TLV, NIOSH/MSHA AIR SUPPLIED RESPIRATOR ADVISED. OSHA REGULATIONS ALSO PERMIT OTHER RESPIRATOR UNDER SPECIFIED C

CONDITIONS (SEE SAFETY EQUIPMENT SUPPLIER). IMPLEMENT  
ENGINEERING OR ADMINISTRATIVE CONTROLS TO REDUCE EXPOSURE.

Ventilation: PROVIDE SUFFICIENT MECHANICAL (GENERAL/LOCAL EXHAUST)

VENTILATION TO MAINTAIN EXPOSURE BELOW THE TLV(S).

Protective Gloves: POLYVINYL ALCOHOL COATED OR POLYETHYLENE

Eye Protection: OSHA SPLSH GOGGLES--SEE SFTY EQUIP SPPLR

Other Protective Equipment: PREVENT REPEATED/PROLONGED SKIN CONTACT W/GB  
PROTECTIVE HANDCREAM, WEAR IMPERVIOUS CLOTHING AND CHEM RESISTANT  
B

OOTs.

Work Hygienic Practices: WASH HANDS BEFORE EATING OR USING THE REST  
ROOM, SMOKE IN SMOKING AREAS ONLY.

Supplemental Safety and Health

AEROSOL CONTAINER PRESSURE: 45 PSI @ 68F; 100 PSI @ 130F.

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

HCC:V3

Boiling Pt: B.P. Text:-44 TO 408F

Vapor Density:< AIR

Spec Gravity: 0.8 (WATER=1)

Evaporation Rate & Reference: SLOWER THAN ETHER

Solubility in Water: NON SOLUBLE

Appearance and Odor: VARIOUS COLORS WITH SOLVENT ODOR

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS

Stability Condition to Avoid: TEMPERATURES ABOVE 120 F

Hazardous Decomposition Products: HAZARDOUS DECOMPOSITION MAY PRODUCE  
CARBON MONOXIDE AND/OR CARBON DIOXIDE.

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

Waste Disposal Methods: DO NOT INCINERATE. DISPOSE OF IN ACCORDANCE WITH  
APPLICABLE FEDERAL, STATE & LOCAL REGULATIONS. AVOID PUNCTURE O

F

CONTAINERS.

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