

GARDCO DIVERSIFIED, INC. -- TT-L-32A, CLEAR, LACQUER -- 8010-00-251-6495

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Product Identification
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Product ID:TT-L-32A, CLEAR, LACQUER

MSDS Date:01/25/1994

FSC:8010

NIIN:00-251-6495

MSDS Number: BTZWS

=== Responsible Party ===

Company Name:GARDCO DIVERSIFIED, INC.

Address:228-B PATTERSON AVENUE

City:HAMPTON

State:VA

ZIP:23669

Country:US

Info Phone Num:804-722-9155

Emergency Phone Num:804

-722-9155

Preparer's Name:BJG

CAGE:DO292

=== Contractor Identification ===

Company Name:GARDCO DIVERSIFIED, INC

Address:228-B PATTERSON AVENUE

City:HAMPTON

State:VA

ZIP:23669

Phone:804-722-9155

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Composition/Information on Ingredients
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Ingred Name:TOLUENE (SARA III) (VAPOR PRESSURE 4.2 MM HG @ 68F)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 14%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:50 PPM

ACGIH TLV:100 PPM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LB

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Ingred Name:METHYL ETHYL KETONE (SARA III) (VAPOR PRESSURE 70 MM HG @ 68F)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 12%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:200 PPM

ACGIH TLV:200 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA III) (VAPOR PRESSURE 33 MM HG @ 68F)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 9%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM

Ingred Name:XYLENE (SARA III) (VAPOR PRESSURE 4.2 MM HG @ 68F)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 3%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ETHYL ACETATE (SARA III)

CAS:141-78-6

RTECS #:AH5425000

Fraction by Wt: 5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:VOC: 527 GRAMS/LITER (5.51 LBS/GAL)

RTECS #:9999999VO

Other REC Limits:NONE RECOMMENDED

===== Hazards I

dentification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHAL: NASAL & RESP IRRIT, DIZZINESS,
FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUS, ASPHYXIATION. SKIN:
PROLONGED/REPEATED: IRRITATION. ABSORPTION: POTENTIAL HAZARD. EYES:
SEVERE IRRIT, REDNESS, TEARING, BLURRED VISION. INGEST: GI
IRRITATION, NAUSEA, VOMITING, DIARRHEA, ASPIRATION INTO LUNGS CAN
CAUSE CHEMICAL PNEUMONITIS.
Effects of Overexposure:ACUTE: IRRITATION OF SKIN, EYES, MUCOUS
MEMBRANES, DRYING, DEFATTING OF SKIN. AVOID INGESTION AND BREATHING
OF VAPORS. CHRONIC: EYE, LIVER, KIDNEY, AND CENTRAL NERVOUS SYSTEM
DAMAGE MAY OCCUR.
Medical Cond Aggravated by Exposure:MAY PROVOKE ASTHMATIC RESPONSE IN
PERSON WITH ASTHMA WHO ARE SENSITIVE TO AIRWAY IRRITANT.

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

First Aid:IF SPILLED ON THE SKIN OR IN THE EYE,
WASH WITH COPIOUS
QUANTITIES OF WATER, CONTACT PHYSICIAN IF SPILLED IN THE EYE(S). IF
INGESTED, DO NOT INDUCE VOMITING, KEEP PERSON WARM, QUIET AND
CONTACT PHYSICIAN. BREATHING: REMOVE PERSON TO FRESH AIR. GIVE
OXYGEN IF BREATHING DIFFICULT; GIVE ARTIFICIAL RESPIRATION IF
BREATHING STOPS. KEEP PERSON WARM AND GET MEDICAL HELP.

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

Flash Point Method:PMCC
Flash Point:>24F,>-4C
Extinguishing Media:FOAM, CO2, DRY
CHEMICAL
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS WITH A
FULL FACE PIECE OPERATED IN PRESSURE DEMAND OR OTHER POSITIVE
PRESSURE MODE WHEN FIGHTING FIRES.
Unusual Fire/Explosion Hazard:VAPOR HEAVIER THAN AIR MAY TRAVEL ALONG
GROUND OR BE MOVED BY WIND & IGNITED BY HEAT, PILOT LIGHTS, FLAME &
IGNITION SOURCES AT LOCATIONS DISTANT FROM SOURCE.

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

Spill Release Procedures:DIKE UP AND CONTAIN

SPILL WITH INERT MATERIAL,
MOP UP & PLACE MATERIAL INTO CONTAINERS. PREVENT RUN-OFF TO SEWER,
STREAMS. NOTIFY AUTHORITIES.

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

Handling and Storage Precautions: DON'T STORE OR USE IN HIGH TEMPERATURE
AREAS, SPARKS, FLAME. KEEP CLOSURE TIGHT & CONTAINER UPRIGHT TO
PREVENT LEAK. STORE IN VENTED AREA.

Other Precautions: AVOID CONTACT WITH OR BREATHING OF VAPORS RELEASED
DURING CURING PROCESS. DO NOT TAKE INTERNALLY.

AVOID CONTACT WITH

SKIN & EYES. AVOID BREATHING OF VAPOR & MIST. ALL HAZARD
PRECAUTIONS GIVEN IN MSDS MUST BE OBSERVED.

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

Respiratory Protection: IF ABOVE TLV, NIOSH/MSHA AIR SUPPLIED RESPIRATOR
ADVISED IN ABSENCE OF ENVIRONMENTAL CONTROL. OSHA REGS ALSO PERMIT
OTHER NIOSH/MSHA RESPIRATORS UNDER SPECIFIED CONDITIONS (SEE SFTY
EQUIP SUPPLIER). IM PLEMENT ENGINEER/ADMINISTRATIVE CONTROLS

Ventilation: PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL

EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves: WEAR RESISTANT GLOVES (NITRILE RUBBER)

Eye Protection: CHEM SPLASH GOGGLES

Other Protective Equipment: TO PREVENT REPEATED OR PROLONGED SKIN
CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.

Work Hygienic Practices: WASH HANDS BEFORE EATING, SMOKING, OR USING
WASHROOM.

Supplemental Safety and Health

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

Boiling P

t: B.P. Text: 175 TO 314F

Vapor Density: > AIR

Spec Gravity: 0.95 (WATER=1)

Evaporation Rate & Reference: SLOWER THAN ETHER

Solubility in Water: NOT SOLUBLE

Appearance and Odor: CLEAR VISCOUS LIQUIDS WITH LACQUER SOLVENT ODOR

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid: NEVER USE WELDING OR CUTTING TORCH ON/NEAR
DRUMS (EVEN EMPTY) BECAUSE PRODUCT (EVEN RESIDUE) CAN IGNITE

EXPLOSIVELY.

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

Waste Disposal Methods:SMALL: ALLOW VOLATILE PART TO EVAPORATE IN HOOD. ALLOW TIME TO COMPLETELY CLEAR HOOD DUCTS. DISPOSE OF REMAINING MAT'L IN ACCORD W/REGS. LRG: DESTROY BY LIQ INCINERATION. CONTAM ABSORB MAY BE DEPOSITE D IN LANDFILL IN ACCORD W/LOCAL, STATE,FED REGS.

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