

GARDCO DIVERSIFIED, INC. -- TT-L-20A, BLACK, 37038 -- 8010-00-166-3147

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Product Identification
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Product ID:TT-L-20A, BLACK, 37038
MSDS Date:01/25/1994
FSC:8010
NIIN:00-166-3147
MSDS Number: BTZVT
=== 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
CAGE:DO292

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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: 16%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:50 PPM
ACGIH TLV:100 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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 (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

RT

ECS #: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

CAS:141-78-6

RTECS #:AH5425000

Fraction by Wt: 7%

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:LAMP BLACK

CAS:1333-86-4

RTECS #:FF5800000

Fraction by Wt: 2%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:3.5 MG/M3

ACGIH TLV:3.5 MG/M3

ingred Name:DIATO

MACEOUS SILICA

CAS:68855-54-9

Fraction by Wt: 15%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3

ACGIH TLV:10 MG/M3

Ingred Name:VOC: 469 GRAMS/LITER (3.90 LBS/GAL)

RTECS #:9999999VO

Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====
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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 & RESPIRATORY IRRITATION,
DIZZINESS, FATIGUE, NA

USEA, HEADACHE, UNCONSCIOUS, ASPHIXIATION.

SKIN: PROLONG/REPEAT:IRRIT. POTENTIAL ABSORPTION HAZARD. EYE:
SEVERE IRRITATION, REDNESS, TEARIN G, BLURRED VISION. INGEST: GI
IRRIT, NAUSEA, VOMITING, DIARRHEA. ASPIRATION INTO LUNGS CAN CAUSE
CHEMICAL PHEUMONITIS.

Effects of Overexposure:ACUTE: IRRITATION OR SKIN, EYES, MUCOUS
MEMBRANES, DRYING, DEFATTING OF SKIN. AVOID INGESTION AND BREATHING
OF VAPORS. CHRONIC: EYE, LIVER, KIDNEY, AND CENTRAL NERVOUS SYSTEM
DAMAGE MAY OCC

UR.

Medical Cond Aggravated by Exposure:MAY PROVOKE ASTHMATIC RESPONSE IN
PERSONS WITH ASTHMA WHO ARE SENSITIVE TO AIRWAY IRRITANT.

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===== First Aid Measures =====
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First Aid:IF SPILLED ON 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 DIF
FICULT; GIVE ARTIFICIAL RESPIRATION IF
BREATHING STOPS. KEEP PERSON WARM AND GET MEDICAL HELP.

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===== Fire Fighting Measures =====
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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:VAPORS HEAVIER THAN AIR, MAY TRAV

EL ALONG

GROUND/MOVED BY VENTILATION & IGNITED BY HEAT, PILOT LIGHTS, OTHER IGNITION SOURCES AT LOCATIONS DISTANT FROM SOURCE.

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

Spill Release Procedures:DIKE UP AND CONTAIN SPILL WITH INERT MATERIAL, MOP UP AND PLACE MATERIAL INTO CONTAINERS. PREVENT RUN-OFF TO SEWER, STREAMS. NOTIFY AUTHORITIES.

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

Handling and Storage Precautions:DO NOT STORE OR USE IN HIGH

TEMPERATURE AREAS OR NEAR HEAT, SPARKS OR FLAME. KEEP CLOSURE TIGHT AND CONTAINER UPRIGHT TO PREVENT LEAK.

Other Precautions:STORE IN WELL VENTED AREAS. AVOID CONTACT WITH OR BREATHING OF VAPORS RELEASED DURING CURING PROCESS. DON'T TAKE INTERNALLY. AVOID CONTACT WITH SKIN & EYES. AVOID BREATHING OF VAPORS OR SPRAY MIST. OBSERVE HAZARD PRECAUTIONS GIVEN IN MSDS.

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

Respiratory Protection:IF TLV

EXCEEDED, NIOSH/MSHA AIR SUPPLIED RESPRTR

ADVISED IN ABSENCE OF ENVIRNMNTL CONTROL. OSHA REGS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATOR UNDER SPECIFIED CONDITIONS. IMPLEMENT ENGINEERING OR ADMINI STRATIVE CONTROLS TO REDUCE EXPOSURE.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL &/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:WEAR RESISTANT GLOVES (NITRILE RUBBER)

Eye Protection:CHEMICAL 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 =====

HCC:F2

Boiling Pt:B.P. Text:175 TO 314F

Vapor Density:> AIR

Spec Gravity:1.10 (WATER=1)

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:NOT SOLUBLE

Appearance and Odor:BLACK VISCOUS LIQUIDS WITH LACQUER SOLVENT ODOR

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

Stability Indicator/Materials to Avoid: YES

AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

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

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

Waste Disposal Methods: SMALL: ALLOW VOLATILE PORTION TO EVAPORATE (HOOD). ALLOW TIME FOR VAPOR TO CLEAR HOOD DUCT.

DISPOSE REMAINING

MAT'L IN ACCORD W/REGULATIONS. LRG: DESTROY BY LIQUID INCINERATION. DISPOSE CONTAM ABSORB IN LANDFILL IN ACCORD W/LOCAL, STATE, FED REGS.

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