

GARDCO DIVERSIFIED INC -- TT-L-20A BLACK, 37038 -- 8010-00-664-7651

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

Product ID:TT-L-20A BLACK, 37038

MSDS Date:01/25/1994

FSC:8010

NIIN:00-664-7651

MSDS Number: BVBFL

=== Responsible Party ===

Company Name:GARDCO DIVERSIFIED INC

Address:228-B PATTERSON AVE

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 ===

Com

pany Name:GARDCO DIVERSIFIED, INC

Address:228-B PATTERSON AVENUE

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Phone:804-722-9155

CAGE:DO292

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

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 @

8F)
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
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
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:DIATOMACEOUS SILICA
CAS:68855-54-9
Fraction by Wt: 15%
Other REC Limits:NONE RE

COMMENDED
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

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

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 IRRIT,
DIZZINESS, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS,
ASPHYXIATION. SKIN:PROLONGED/REPEATED CONT
ACT:IRRIT.
ABSORPTION:POTENTIAL HAZARD. EYE:SEVERE IRRIT, REDNESS, TEA RING,
BLURRED VISION. INGEST:GI IRRIT, NAUSEA, VOMITING, DIARRHEA,
ASPIRATION INTO LUNG:CHEM PNEUMONITIS-CAN BE FATAL.
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 SKIN OR IN EYE, WASH WITH COPIOUS QUANTITIES OF
WATER, CONTACT PHYSICIAN IF SPILLED IN EYE. IF INGESTED, DO NOT
INDUCE VOMITING, KEEP PERSON WARM, QUIET AND CONTACT PHYSICIAN.
BREATHING: REMOVE PERSON TO FRESH AIR GIVE OXYGENIF 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 W/FULL
FACE PIECE OPERATED IN PRESSURE DEMAND OR OTHER POSITIVE PRESSURE
MODE WHEN FIGHTING FIRES.
Unusual Fire/Explosion Hazard:VAPORS HEAVIER THAN AIR MAY TRAVEL ALONG
GROUND OR MOVED BY VENT & IGNITED BY HEAT, PILOT LIGHTS, FLAMES, &
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/USE IN HIGH TEMPERATURE AREAS OR NEAR HEAT, SPARK, 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 AND EYES. AVOID BREATHING OF VAPORS OR SPRAY MIST. ALL HAZARD PRECAUTIONS GIVE N IN MSDS MUST BE OBSERVED.

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

Respiratory Protection:IF ABOVE TLV,NIOSH/MSHA AIR SUPPLD RESPIRATION ADVISED IN ABSENCE OF ENVIRONMENTAL CONTROL. O

SHA REGS ALSO PERMIT

OTHER NIOSH/MSHA RESPIRATOR UNDER SPECIFIED CONDITIONS (SEE SFTY EQUIP SUPPLIER).IMPLE MENT ENGINEERING/ADMINISTRATIVE CONTROL.

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

Protective Gloves:WEAR RESISTANT GLOVES (NITRILE RUBBER)

Eye Protection:CHEM SPLASH GOGGLES.CHECK OTHER PERMITD.

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

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

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

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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 PRT TO EVAPORATE IN HOOD. ALLOW TIME FOR VAPOR TO CLEAR HOOD DUCT. DISPOSE OF REMAINING MAT'L IN ACCORD W/REGS. LRG: DESTROY BY LIQ INCINERATION. CONTAM

ABSORBENT MAY BE DEPOSITED IN LANDFILL IN ACCORD W/LOCAL, STATE, & FED REGS

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