

R.T.VANDERBILT COMPANY,INC -- BLACK-OUT BLACK,07209 -- 6850-01-411-3708

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Product Identification
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Product ID:BLACK-OUT BLACK,07209

MSDS Date:12/30/1997

FSC:6850

NIIN:01-411-3708

MSDS Number: CGFQH

=== Responsible Party ===

Company Name:R.T.VANDERBILT COMPANY,INC

Address:30 WINFIELD STREET

Box:5150

City:NORWALK

State:CT

ZIP:06855-1307

Country:US

Info Phone Num:203-853-1400

Emergency Phone

Num:203-853-1400

CAGE:1N612

=== Contractor Identification ===

Company Name:R. T. VANDERBILT CO INC

Address:30 WINFIELD STREET

Box:5150

City:NORWALK

State:CT

ZIP:06855

Country:US

Phone:203-853-1400

CAGE:1N612

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Composition/Information on Ingredients
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Ingred Name:TOLUENE (SARA 313) (CERCLA)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 88.5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:200 PPM; Z-2

ACGIH TLV:S, 50 PPM; 9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ing

red Name:CARBON BLACK
CAS:1333-86-4
RTECS #:FF5800000
Fraction by Wt: 2.2%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:3.5 MG/M3
ACGIH TLV:3.5 MG/M3; 9596

Ingred Name:CARBON TETRACHLORIDE (SARA 313) (CERCLA)
CAS:56-23-5
RTECS #:FG4900000
Fraction by Wt: TRACE
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 PPM Z-2
ACGIH TLV:S,5PPM/10 STEL,A3;96
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS
Ozone Depleting Chemical:1

Ingred Name:ELASTOMERS, NJTSR NO. 800983-5005P
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) 5000 MG/KG (TOLUENE)
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, CNS, BRAIN,
LIVER, KIDNEY, LUNG. ACUTE- MAY CAUSE EYE & SKIN IRRITATION. MAY BE
ABSORBED THROUGH SKIN. HARMFUL IF INGESTED. ASPIRATION HAZARD.
INHALATION MAY CAUSE IRRITATION, CNS EFFECTS, BRAIN DAMAG
E &
POSSIBLY DEATH. CHRONIC- MAY CAUSE LIVER, KIDNEYS, BRAIN, CNS
INJURY, DERMATITIS.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, TEARING, REDNESS AND STINGING OF
EYES, DRYING OF SKIN, NAUSEA, VOMITING, DIZZINESS, HEADACHE,
DROWSINESS, WEAKNESS, FATIGUE, UNCONSCIOUSNESS, DEATH
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING
DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, LIVER, KIDNEYS,
BRAIN, CNS MAY HAVE INCREASED SUSCEPTIBILI

TY TO THE TOXICITY OF
EXCESSIVE EXPOSURES.

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First Aid Measures
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First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. KEEP AT REST.

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Fire Fighting Measures
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Flash Point Method:TCC

Flash Point:41.0

F,5.0C

Lower Limits:1.2%

Upper Limits:7.0%

Extinguishing Media:USE FOAM, DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS OPERATED IN POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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Accidental Release Measures
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Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH. TRANSFER TO PROPER CONTAINER FOR DISPOSAL. PREVENT LIQUID FROM ENTERING SEWERS.

Neutralizing Agent:NOT RELEVANT

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Handling and Storage
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Handling and Storage Precautions:STORE IN COOL, VENTILATED AREA, AWAY

FROM SOURCES OF IGNITION AND STRONG OXIDIZING AGENTS.

Other Precautions:AVOID BREATHING VAPORS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. REMOVE CONTAMINATED CLOTHING PROMPTLY. LAUNDRY BEFORE REUSE. KEEP OUT OF REACH OF CHILDREN.

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Exposure Controls/Personal Protection
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Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION

IS HIGH, WEAR A

NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF)
VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NITRILE FOR PROLONGED/REPEATED CONTACT

Eye Protection:SAFETY GLASSES WITH SIDE SHIELD/GOGGLES

Other Protective Equipment:EYE BATH, SAFETY SHOWER, WASHING FACILITIES

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES.

Supplemental Safety and Health

FORMUL

A AND/OR PERCENTAGES CHANGED. FOR PREVIOUS FORMULATIONS, SEE PNI
A OR B, SAME NSN.

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

HCC:F2

NRC/State Lic Num:NOT RELEVANT

Vapor Pres:54 @ 77F

Vapor Density:3.20

Spec Gravity:0.85 - 0.91

Evaporation Rate & Reference:1.8 (N-BUTYL ACETATE=1)

Solubility in Water:MODERATE

Appearance and Odor:BLACK LIQUID; TOLUENE-LIKE ODOR

Percent Volatiles by Volume:89

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

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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS SUCH AS CHLORINE, PERMANGANATE, DICHROMATE

Stability Condition to Avoid:OPEN FLAMES, SPARKS AND OTHER SOURCES OF
IGNITION

Hazardous Decomposition Products:FUMES, SMOKE, CARBON MONOXIDE, CARBON
DIOXIDE

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

Waste Disposal Methods:DISPOSAL MUST BE MADE IN ACCORDANCE WITH
APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. REUSE OR
INCINERATION IS

RECOMMENDED. REPORTABLE QUANTITY FOR IS 1000
POUNDS.

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