

FINNAREN & HALEY, INC -- BLACK URETHANE SUB, PART B, 13911 -- 8010-01-380-3280

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Product Identification
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Product ID:BLACK URETHANE SUB, PART B, 13911

MSDS Date:11/22/1993

FSC:8010

NIIN:01-380-3280

Kit Part:Y

MSDS Number: BWHCR

=== Responsible Party ===

Company Name:FINNAREN & HALEY, INC

Address:901 WASHINGTON STREET

City:CONSHOHOCKEN

State:PA

ZIP:19428

Country:US

Info Phone Num:215-825-1

900

Emergency Phone Num:800-424-9300 (CHEMTREC)

CAGE:9V982

=== Contractor Identification ===

Company Name:FINNAREN & HALEY INC

Address:901 WASHINGTON ST

Box:City:CONSHOHOCKEN

State:PA

ZIP:19428

Country:US

Phone:1-610-825-1900

CAGE:9V982

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Composition/Information on Ingredients
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Ingred Name:ACETATE ESTER (VAPOR PRESSURE 0.8 MM HG @ 68F)

CAS:90438-79-2

Fraction by Wt: 5-20%

Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:EYE:SEVERE IRRIT,RED,TEAR,BLURRED
VISION. SKIN:IRRIT,DEFAT,DERMATITIS. INHAL:RESP
IRRIT,DIZZY,WEAK,FATIGUE,NAUSEA,HEADACHE,UNCONSCIOUS,ASPHYXIATN.
PERM BRAIN & NERV SYSTEM DAMAGE. CONCENTRATING & INHA LING
HARMFUL/FATAL. INGEST:GI IRRIT,NAUSEA,VOMIT,DIARRHEA,ASPIRATION
INTO LUNG CAN CAUSE CHEM PNEUMONITIS-CAN BE FATAL.

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

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First Aid:EYES: FLUSH WITH LARGE AMOUNT OF WATER LIFTING EYELIDS
OCCASIONALLY. GET PROMPT MEDICAL ATTENTION. SKIN: WASH THOROUGHLY
WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING PROMPTLY; WASH
CLOTHING BEFORE REUSE. INGEST: DO NOT INDUCE VOMITING. KEEP WARM &
QUIET. GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. IF
BREATHING STOPPED, GIVE ARTIF RESPIRATION. KEEP WARM & QUIET. GET
MEDICAL ATTENTION.

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

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Flash Point Method:SCC
Flash Point:150F,66C
Lower Limits:1.00
Upper Limits:8.00
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG. USE
WATER FOR COOLING MATERIAL STORED IN VICINITY OR FIRE.
Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS WITH A
FULL FACEPIECE OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE
PRESSURE MODE.
Unusual Fire/Explosion Hazard:>FLASHPOINT, EMITS FLAMMABLE VAPOR,MIXD
W/AIR,CAN BURN/EXPLODE. VAPORS HEAVIER THAN
AIR,MAY TRAVEL ALONG
GROUND TO IGNITION SOURCE DISTANT FROM HANDLING POINT.

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

Spill Release Procedures:SMALL:ABSORB LIQUID W/RAGS,FLOOR
ABSORBNT,VERMIC,ETC. TRANSFER TO HOOD. LRGE: ELIMINATE IGNITION
SOURCE. DIKE AREA,VENT IF INDOORS. PUMP LIQUID TO SALVAGE TANK.
TAKE UP REMAINING LIQUID W/SAND,FLOOR A BSORBNT,ETC.SHOVEL INTO
CNTNR. PREVENT RUN OFF *
Neutralizing Agent:N/K * TO SEWERS AND BODIES OF WATER. NOT

IFY PROPER
AUTHORITIES AS REQ'D.

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Handling and Storage
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Handling and Storage Precautions:CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. STORE AWAY FROM HIGH TEMPERATURES, SPARKS, FLAMES. AVOID PROLONGED SKIN CONTACT.

Other Precautions:GROUND CONTAINERS WHILE POURING & LIMIT FREE FALL TO A FEW INCHES TO PREVENT STATEIC SPARKS. AVOID SPONTANEOUS COMBUSTION OF CONTAMINATED RAGS & OTHER EASILY IGNITABLE ORGANIC ACCUM
ULATIONS (SPRAY BOO TH RESIDUE) BY IMMEDIATE IMMERSION **

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Exposure Controls/Personal Protection
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Respiratory Protection:> TLV, NIOSH/MSHA APPROVED AIR SUPPLY RESPIRATOR ADVISED. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATORS UNDER SPECIFIED CONDITIONS (SEE SFTY EQUIP SUPPLIER). IMPLEMENT ENGINEERING OR ADMIN ISTRATIVE CONTROLS TO REDUCE EXPOSURE.

Ventilation:PROVIDE SUFFICIENT EXPLOSION PROOF MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENT
ILATION TO MAINTAIN EXPOSURE BELOW TLV.

Protective Gloves:WEAR RESISTANT GLOVES (NITRILE RUBBER)

Eye Protection:CHEM SPLASH GOGGLES ADVISED,SEE OSHA REG

Other Protective Equipment:NONE

Supplemental Safety and Health

** IN WATER. EMPTIED CONTAINERS MAY RETAIN HAZARDOUS PROPERTIES. DO NOT CUT, PUNCTURE OR WELD ON OR NEAR CONTAINER. STORE LARGE QUANTITES ONLY IN BUILDINGS DESIGNED TO COMPLY WITH OSHA 1910.106.

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Physical/Chemical Properties
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Boiling Pt

:B.P. Text:349 TO 392F

Vapor Density:> AIR

Spec Gravity:1.10324

Evaporation Rate & Reference:SLOWER THAN ETHER

Percent Volatiles by Volume:9.8

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG OXIDIZERS (E.G. NITRIC ACID).

Stability Condition to Avoid:KEEP AWAY FROM HEAT & OPEN FLAME.

Hazardous Decomposition Products:MAY FORM CARBON MONOXIDE AND DIOXIDE, VARIOUS HYDROCARBON, ETC.

Conditions to Avoid

Polymerization:KEEP AWAY FROM HEAT AND OPEN FLAME.

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

Waste Disposal Methods:SMALL: ALLOW VOLATILE PART TO EVAPORATE IN HOOD, DISPOSE OF REMAINING MATERIAL IN ACCORDANCE WITH APPLICABLE REGULATIONS. LARGE: DESTROY BY LIQUID INCINERATION. CONTAMINATED ABSORBENT MAY BE DEPOSITED IN LANDFILL IN ACCORD W/LOCAL,STATE,FEDERAL REGS.

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