

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

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

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:215-825-19

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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

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

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

===== 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 A  
IR,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. NOTI

FY PROPER  
AUTHORITIES AS REQ'D.

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

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 ACCUMU  
LATIONS (SPRAY BOO TH RESIDUE) BY IMMEDIATE IMMERSION \*\*

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

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) VENTI  
LATION 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.

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

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

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

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 P

olymerization: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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