

HAARTZ-MASON, INC. -- N-450-11 SOLVENT BLEND -- 6850-00-182-6467  
===== Product Identification =====

Product ID:N-450-11 SOLVENT BLEND  
MSDS Date:10/22/1993  
FSC:6850  
NIIN:00-182-6467  
MSDS Number: BWGXN  
=== Responsible Party ===  
Company Name:HAARTZ-MASON, INC.  
Address:270 PLEASANT STREET  
City:WATERTOWN  
State:MA  
ZIP:02172  
Country:US  
Info Phone Num:617-926-2300  
Emergency Phone Num:617-926-2300/800-424-9300(CHEMTREC)  
CAGE:84697  
=== Contractor Identification ===  
Comp  
any Name:HAARTZ-MASON, INC.  
Address:270 PLEASANT STREET  
Box:322  
City:WATERTOWN  
State:MA  
ZIP:02172  
Country:US  
Phone:617-926-2300  
CAGE:84697

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

Ingred Name:TOLUENE (SARA 313) (CERCLA)  
CAS:108-88-3  
RTECS #:XS5250000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:200 PPM; Z-2  
ACGIH TLV:S, 50 PPM; 9495  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:METHYL ISOBUTYL KETONE (HEXONE) (SARA 313) (CERCLA)  
CAS:108-10-1  
RTECS #:SA927500

0  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM  
ACGIH TLV:50 PPM/75 STEL; 9495  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:VOLITILE ORGANIC CONTENT AS LISTED ON MSDS: 6.7 LBS/GAL.  
RTECS #:9999999VC  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:NOT RELEVANT  
ACGIH TLV:NOT RELEVANT

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS UNKNOWN.  
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:EYES, LUNGS, SPLEEN,  
LIVER, KIDNEY, HEART. ACUTE- MAY CAUSE EYE & SKIN IRRITATION. MAY  
BE ABSORBED THROUGH SKIN. INHALATION MAY CAUSE NARCOSIS & NAUSEA.  
MAY BE HARMFUL IF SWALLOWED. ASPIRATION HAZARD. CHRONIC- MAY CAUSE  
LIVER& CARDIAC ABNORMALITIES, KIDNEY, LUNG, SPLEEN & EYE DAMAGE.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:EYES, SKIN, RESPIRATORY TRACT IRRITATION,  
HEADACHE, DIZZINESS, NAUSEA,  
VOMITING, DIARRHEA, WEAKNESS,  
CONFUSION, IMPAIRED COORDINATION, DRYING SKIN, COUGHING, DIFFICULTY  
IN BREATHING AND DROWSINESS  
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN  
DISORDERS, EYE PROBLEMS OR IMPAIRED LIVER, KIDNEY, RESPIRATORY  
FUNCTIONS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

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

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

Flash Point Method:SCC  
Flash Point:28.0F,-2.2C  
Lower Limits:0.9  
Upper Limits:8.9  
Extinguishing Media:USE CARBON DIOXIDE, FOAM/DRY CHEMICAL. WATER SPRAY  
MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL & DISPERSE VAPORS.  
Fire Fighting Pro

cedures:WEAR NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE, OPERATED IN POSITIVE PRESSURE MODE. WATER MAY BE INEFFECTIVE.

Unusual Fire/Explosion Hazard:VAPORS HEAVIER THAN AIR, CAN TRAVEL A LONG DISTANCE TO A SOURCE OF IGNITION AND FLASHBACK. CONTAINERS MAY EXPLODE DUE TO HEAT OF FIRE.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA.

PICK UP SPILL WITH NON-FLAMMABLE

ABSORBENT SUCH AS SAND/NON-SPARKING PUMP. PLACE IN CONTAINER FOR DISPOSAL. PREVENT LIQUID FROM ENTERING SEWERS, WATERWAYS OR LOW AREAS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, VENTILATED AREA, AWAY FROM HEAT, FLAMES & INCOMPATIBLES. OUTSIDE STORAGE PREFERRED. FOR INSIDE USE STANDARD FLAMMABLE LIQUID STORAGE ROOM.

Other Precautions:"EMPTY

" CONTAINERS RETAIN RESIDUE AND CAN BE

DANGEROUS. DO NOT WELD, SOLDER OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS. THEY MAY EXPLODE AND CAUSE INJURY/DEATH. GROUND & BOUND SHIPPING CONTAINER . AVOID REPEATED/PROLONGED SKIN CONTACT.

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

Respiratory Protection:IF WORKING IN A CONFINED AREA OR FIGHTING FIRE, USE NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS OR SUPPLIED AIR RESPIRATOR WITH FULL FACEPIECE, OPERATED IN POSITIVE PRESSURE MODE.

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

Protective Gloves:PVA, NITRILE

Eye Protection:SPLASH-PROOF GOGGLES

Other Protective Equipment:IMPERVIOUS CLOTHING, COVERALLS OR LAB COAT, EMERGENCY SHOWER, EYE WASH STATION

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. AVOID BREATHING VAPORS OR MISTS.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULAT

ION, SEE PNI A, SAME NSN.

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

HCC:F2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=93.3C, 200.F

Decomp Temp:Decomp Text:NOT KNOWN

Vapor Pres:20-30 @68F

Vapor Density:3.3

Spec Gravity:0.8

Solubility in Water:SLIGHT

Appearance and Odor:CLEAR LIQUID, CHARACTERISTIC ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS

Stability Condition to Avoid:HEAT, SPA

RKS, OPEN FLAMES, HOT SURFACES,

STATIC ELECTRICITY

Hazardous Decomposition Products:MAY FORM SMOKE, TOXIC LEVELS OF CARBON MONOXIDE, CARBON DIOXIDE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

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