

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 ===

Company 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 KE

TONE (HEXONE) (SARA 313) (CERCLA)
 CAS:108-10-1
 RTECS #:SA9275000
 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

Ingrid 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: Inhalatio
 n: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. ASPI RATION HAZARD. CHRONIC- MAY CAUSE
 LIVER& CARDIAC ABNORMALITIES, KIDNEY, LUNG, SPLEEN & EYE DAMAGE.
 Explanation of Carcinogenicity:NONE
 Effects of Overexposure:EYES, SK
 IN, RESPIRATORY TRACT IRRITATION,
 HEADACHE, DIZZINESS, NAUSEA, VOMITING, DIARRHEA, WEAKNESS,
 CONFUSION, IMPAIRED COORDIANTION, 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 AT
 TENTION IF SYMPTOMS PERSIST. SKIN:WASH WITH
 SOAP & WATER. EYE:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS
 OPEN. INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED.
 ORAL:DO N OT 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 F

IRE EXPOSED CONTAINERS COOL & DISPERSE VAPORS.

Fire Fighting Procedures: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.

Suppl

emental Safety and Health
FORMULA CHANGED. FOR PREVIOUS FORMULATION, 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 A
void:YES
STRONG OXIDIZERS
Stability Condition to Avoid:HEAT, SPARKS, 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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