

HAARTZ-MASON, INC. -- N-450-9 THINNER/CLEANER -- 6850-01-292-5188

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

Product ID:N-450-9 THINNER/CLEANER

MSDS Date:12/01/1989

FSC:6850

NIIN:01-292-5188

MSDS Number: BQMLM

=== Responsible Party ===

Company Name:HAARTZ-MASON, INC.

Address:270 PLEASANT STREET

Box:322

City:WATERTOWN

State:MA

ZIP:02172

Country:US

Info Phone Num:617-926-2300

Emergency Phone Num:617-926-2300

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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:XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 50.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM/150 STEL

ACGIH TLV:100 PPM/150STEL;9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 50.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:200 PPM/300 STEL

ACGIH TLV:200 PPM/300STEL 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 2737 MG/KG (MEK)

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute

and Chronic:FLAMMABLE! HARMFUL OR FATAL IF

SWALLOWED. EYE AND SKIN IRRITANT. MAY CAUSE INJURY TO EYES.

INHALATION: RESPIRATORY TRACT IRRITANT AND ANESTHETIC, MAY CAUSE NARCOSIS IN HIGH CONCENTRATION. CAUSES CNS DEPRESSION.

Effects of Overexposure:EYES:SEVERE IRRITATION, REDNESS, INJURY.

SKIN:IRRITATION. INHALATION: COUGHING, UNCONSCIOUSNESS, NARCOSIS, CNS DEPRESSION. INGEST:NAUSEA, VOMITING, LIVER AND/OR KIDNEY DAMAGE.

Medical Condition Aggravated by Exposure:ANY ALLERGY, ECZEMA, SKIN

CONDITION, PRE-EXISTING LIVER AND KIDNEY DISORDERS.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE CPR IF NOT BREATHING.

GET MEDICAL ATTENTION IMMEDIATELY. EYE: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELID. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING. INGESTION: DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS. GET

MEDICAL ATTENTION IMMEDIATELY.

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

Flash Point Method:SCC

Flash Point:32F/0C

Lower Limits:1.0

Upper Limits:11.5

Extinguishing Media:FOAM, CARBON DIOXIDE, OR DRY CHEMICAL

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:SOLVENT VAPORS MAY TRAVEL CONSIDERAB

LE

DISTANCES AND FLASH BACK FROM A SOURCE OF IGNITION.

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

Spill Release Procedures:REMOVE IGNITION SOURCES. SMALL SPILL:WIPE WITH RAGS OR TOWELS. LARGE SPILLS:EVACUATE AREA. WEAR NIOSH APPROVED RESPIRATOR. VENTILATE AREA. DIKE TO RETAIN FLUID. PUMP UP FREE LIQUID. RESIDUE WILL EVAPO RATE QUICKLY. DO NOT FLUSH TO SEWER OR WATERWAY.

Neutralizing Agent:NONE

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

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Handling and Storage Precautions:KEEP AND STORE IN COOL, DRY PLACE AWAY FROM IGNITION SOURCES. GROUND DURING TRANSFER.

Other Precautions:REPEATED & PROLONGED OVEREXPOSURE TO SOLVENTS MAY CAUSE BRAIN AND NERVOUS SYSTEM DAMAGE. INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

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

Respiratory Protection:USE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS IF TLV IS EXCEEDED OR WHEN SPRAYING OR USING IN CONFINED SPACES.

Ventilation:MECHANICAL EXHAUST TO MAINTAIN AIR CONTAMINANT LEVELS BELOW TLV.

Protective Gloves:RUBBER,PVA,NITRILE.

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS/GOGGLES

Other Protective Equipment:AVAILABILITY OF EYE WASHES AND SAFETY SHOWERS IS RECOMMENDED. PROTECTIVE CLOTHING AS REQUIRED FOR TASK AT HAND.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental  
Safety and Health

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

HCC:F2

Boiling Pt:=79.4C, 175.F

Vapor Pres:>1

Vapor Density:>1

Spec Gravity:0.84

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

Solubility in Water:PARTIAL

Appearance and Odor:COLORLESS, CLEAR LIQUID WITH CHARACTERISTIC ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS, STRON

G MINERAL ACIDS, STRONG ALKALIS AND  
HALOGENS.

Stability Condition to Avoid: SPARKS, OPEN FLAMES OR HOT SURFACE

Hazardous Decomposition Products: CARBON MONOXIDE & DIOXIDE

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

Waste Disposal Methods: DISPOSE IN ACCORDANCE WITH APPLICABLE LOCAL,  
STATE, & FEDERAL REGULATIONS.

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