

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

0

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

Ingr 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/300 STEL 9192  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS

=====  
===== 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.

=====  
===== 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.

=====  
===== 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 =====

=====

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.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department  
of Defense.

The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.