

HAARTZ-MASON, INC. -- N-39 ACCELERATOR MOD. -- 1430-00-740-3920

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

Product ID:N-39 ACCELERATOR MOD.

MSDS Date:06/03/1991

FSC:1430

NIIN:00-740-3920

Kit Part:Y

MSDS Number: BNRFS

=== 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:201

-694-0845

CAGE:84697

=== Contractor Identification ===

Company Name:HAARTZ-MASON, INC.

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Box:322

City:WATERTOWN

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ZIP:02172

Country:US

Phone:617-926-2300

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

Ingred Name:LEAD MONOXIDE (LITHARGE)

CAS:1317-36-8

RTECS #:OG1750000

Fraction by Wt: 56%.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.05 MG/M3

ACGIH TLV:0.05 MG/M3

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

CAS:1330-20-7

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TECS #:ZE2100000
Fraction by Wt: 29%
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:BUTYRALDEHYDE-ANILINE
CAS:34562-31-7
Fraction by Wt: 9%.

Ingred Name:BUTENE HOMOPOLYMER
CAS:9003-29-6
Fraction by Wt: 6%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 4300 MG/KG (XYLENES)

Routes of Entry: Inhalation:YES

Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:CONTAINS XYLENE WHICH BASED ON ANIMAL DATA MAY CAUSE ANEMIA, LIVER ABNORMALITIES, KIDNEY AND EYE DAMAGE. IN HUMANS, CARDIAC ABNORMALITIES. CONTAINS LEAD WHICH MAY CAUSE DELAYED EFFECTS OF BLOOD, GASTR OINTESTINAL, NERVOUS AND REPRODUCTIVE SYSTEMS.

Explanation of Carcinogenicity:THIS PRODUCT CONTAINS LEAD, A CHEMICAL KNOWN TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

Effects of Overexposure:ACUTE: NAUSEA AND/OR NARCOSIS. CHRONIC: CONTAINS LEAD. PROLONGED SKIN CONTACT MAY CAUSE IRRITATION. IN SOME INDIVIDUALS EXCESSIVE INGESTION MAY CAUSE METALLIC TASTE, MUSCLE ACHE, ABDOMINAL PAINS AND W EAKNESS. EXCESSIVE EXPOSURE TO LEAD MAYEFFECT CIRCULATORY, NERVOUS & DIGESTIVE SYSTEMS. LEAD CAN CAUSE BIRTH DEFECTS.

Medical Cond Aggravated by Exposure:RESPIRATORY AILMENTS.

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

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First Aid: EYES: IMMEDIATELY FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point Method: TCC

Flash

Point: 80F/26.7C

Autoignition Temp: Autoignition Temp Text: 930F

Lower Limits: 1.0

Upper Limits: 7.0

Extinguishing Media: CARBON DIOXIDE, FOAM, 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: VAPOR IS HEAVIER THAN AIR AND MAY TRAVEL CONSIDERABLE DISTANCE TO SOURCE OF IGNITION AND FLASHBACK. MAY LIBERATE

TOXIC (LEAD) FUMES WHEN BURNING.

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

Spill Release Procedures: ABSORB SPILL IN SAND, EARTH, VERMICULITE, OIL-DRI OR SOL-SPEED-DRI. SHOVEL ABSORBED MATERIAL INTO STEEL CONTAINER AND COVER.

Neutralizing Agent: NONE

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

Handling and Storage Precautions: STORE IN APPROVED SOLVENT STORAGE AREA. KEEP TIGHTLY CLOSED. KEEP AWAY FROM HEAT, OPEN FLAMES, SPARKS, H

HOT SURFACES AND OXIDIZING AGENTS.

Other Precautions: NONE

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

Respiratory Protection: USE NIOSH APPROVED ATMOSPHERE SUPPLYING OR AIR PURIFYING RESPIRATOR FOR ORGANIC VAPORS AS REQUIRED TO MAINTAIN EXPOSURE LEVELS BELOW RECOMMENDED LIMITS.

Ventilation: MECHANICAL EXPLOSION-PROOF EXHAUST TO REMOVE VAPORS DURING PROCESSING.

Protective Gloves: PVA, VITON.

Eye Protection: SAFETY GLASSES WITH SIDE SHIELDS/GOGGLES

Other Protective

Equipment:FULL PROTECTIVE CLOTHING AS REQUIRED TO PREVENT SKIN CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING, ESPECIALLY BEFORE EATING, DRINKING, OR SMOKING. DO NOT USE NEER FOOD OR FEED PRODUCTS.

Supplemental Safety and Health

THIS IS PART A OF A 4-PART KIT. SEE OTHER P/N IND., THIS NSN, FOR ADDITIONAL INFORMATION.

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

HCC:F2

Boiling Pt:B.P. Text:281F,138C

Vapor Pres:29

Vapor Density:3.7

Spec G

avity:1.81

Solubility in Water:NEGLIGIBLE

Appearance and Odor:LIGHT ORANGE DISPERSION WITH CHARACTERISTIC AROMATIC ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS

Stability Condition to Avoid:SPARKS, OPEN FLAMES, OR HOT SURFACES.

Hazardous Decomposition Products:OXIDES OF CARBON, LEAD AND NITROGEN

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

Waste Disposal Methods:DISPOSE OF IN A

CCORDANCE WITH LOCAL, STATE, &

FEDERAL CHEMICAL AND SOLVENT WASTE DISPOSAL REGULATIONS.

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