

LAVA CRUCIBLE-REFRACTORIES CO -- Lavalloy 40M -- 9350-00-082-0665

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

Product ID:Lavalloy 40M

MSDS Date:11/14/1985

FSC:9350

NIIN:00-082-0665

MSDS Number: BYHHB

=== Responsible Party ===

Company Name:LAVA CRUCIBLE-REFRACTORIES CO

Box:278

City:ZELIENOPLE

State:PA

ZIP:16063

Country:US

Info Phone Num:412-452-6050

CAGE:3N051

=== Contractor Identification ===

Company Name:

AJAX MAGNETHERMIC CORP

Box:UNKNOWN

CAGE:01179

Company Name:LAVA CRUCIBLE-REFRACTORIES CO

Box:278

City:ZELIENOPLE

State:PA

ZIP:16063

Country:US

Phone:412-452-6050

CAGE:3N051

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

Ingred Name:ALPHA-ALUMINA (ALUMINUM OXIDE) (SARA 313)

CAS:1344-28-1

RTECS #:BD1200000

Fraction by Wt: 10%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 9495

Ingred Name:SILICA, CRYSTALLINE - QUARTZ (MFR GAVE CAS#

631-86-2-INVALID PER BASE 10 CHECK)
CAS:14808-60-7
RTECS #:VV7330000
Fraction by Wt: 0.3%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:SEE TABLE Z-3
ACGIH TLV:0.1 MG/M3 RDUST;9495

Ingred Name:SODIUM SILICATE
CAS:1344-09-8
Fraction by Wt: 5%
Other REC Limits:NONE RECOMMENDED

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Other REC Limits:NONE RECOMMENDED

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

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

Reports of Ca

rcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: CONTACT MAY CAUSE SKIN
IRRITATION AND BURN THE EYES. INHALATION MAY CAUSE BURNS TO
RESPIRATORY TRACT. INGESTION MAY CAUSE BURNS TO GI TRACT. CHRONIC:
NONE SPECIFIED BY MANUFACTURER.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:INHALED-SNEEZING, WHEEZING, SHORTNESS OF
BREATH, BURNING SEN
SATION IN CHEST. SKIN-IRRITATION. EYES-PAIN,
BURNING SENSATION, REDNESS, TEARING, SWELLING. INGESTED-BURNING
SENSATION IN MOUTH/THROAT/STOMA CH, STOMACH PAIN, NAUSEA, VOMITING.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALED-GET IMMEDIATE MEDICAL ATTENTION. REMOVE FROM EXPOSURE
TO FRESH AIR. INGESTED-DO NOT INDUUCE VOMITING! IF CONSCIOUS, GIVE
LOTS OF A WATER SOLUTION W/1

PART VINEGAR TO 1 PART WATER. GET IMMEDIATE MEDICAL ATTENTION. SKIN-FLUSH WITH LOTS OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. EYES-IMMEDIATELY FLUSH EYES WITH LOTS OF WATER. GET IMMEDIATE MEDICAL ATTENTION.

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

Extinguishing Media:PRODUCT WILL NOT BURN. DLA-HMIS: USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER. DLA-HMIS: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.
Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:SWEEP, SCOOP OR VACUUM DISCHARGED MATERIAL. FLUSH RESIDUE WITH WATER. OBSERVE ENVIRONMENTAL REGULATIONS.
Neutralizing Agent:DILUTE ACID (5% ACETIC ACID SOLUTION).

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

Handling and Storage Precautions:RETAIN DRY EXCESS IN CLOSED SHIPPING CONTAINER OR DRUM. KEEP DRY FOR STORAGE.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR OR AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED. USE IN ACCORDANCE WITH 29 CFR 1910.134 AND MANUFACTURER'S RECOMMENDATIONS.
Ventilation:USE ADEQUATE MECHANICAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).
Protective Gloves:RUBBER.
Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES.
Other Protective Equipment:PROTECTIVE CLOTHING SUCH AS A RUBBER APRON.
Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.
Supplemental Safety and Health

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

HCC:N1
Melt/Freeze Pt:M.P/F.P Text:3002F,1650C
Spec Gravity:2.12
Solubility in Water

r:MODERATE

Appearance and Odor:GRAY, DRY POWDER; NO ODOR.

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

Stability Indicator/Materials to Avoid:YES

NONE.

Stability Condition to Avoid:DUSTY CONDITIONS.

Hazardous Decomposition Products:WATER VAPOR.

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

Waste Disposal Methods:NEUTRALIZE WITH DILUTE ACID AND LANDFILL SOLIDS.

FLUSH NEUTRALIZED LIQUIDS TO SEWER. DISPOSE OF IAW LOCAL, STATE AND
FEDERAL REGULATIONS.

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