

FLAMEMASTER CORP THE CHEM SEAL DIV -- E-400 MOLDABLE/POURABLE (BASE) --  
8030-01-067-7587

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

Product ID:E-400 MOLDABLE/POURABLE (BASE)

MSDS Date:10/24/1986

FSC:8030

NIIN:01-067-7587

Kit Part:Y

MSDS Number: BWNMN

=== Responsible Party ===

Company Name:FLAMEMASTER CORP THE CHEM SEAL DIV

Address:11120 SHERMAN WAY

City:SUN VALLEY

State:CA

ZIP:91352-4949

Country:US

Info

Phone Num:818-982-1650 FAX 818-765-5603

Emergency Phone Num:818-982-1650

Preparer's Name:SAMUEL L. ENGEL,SR.

CAGE:14439

=== Contractor Identification ===

Company Name:FLAMEMASTER CORP THE CHEM SEAL DIV

Address:11120 SHERMAN WAY

Box:City:SUN VALLEY

State:CA

ZIP:91352-4949

Country:US

Phone:818-982-1650

CAGE:14439

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

Ingred Name:BISPHENOL A-EPICHLOROHYDRIN COPOLYMER

CAS:25068-38-6

RTECS #:SL6475000

Fraction by Wt: 27-30%

Other REC

Limits:NONE RECOMMENDED

Ingred Name:EPICHLOROHYDRIN-POLYGLYCOL REACTION PRODUCT

CAS:26142-30-3

Fraction by Wt: 12-14%

Other REC Limits:NONE RECOMMENDED

Ingred Name:N-BUTYL GLYCIDYL ETHER (BGE)

CAS:2426-08-6

RTECS #:TX4200000

Fraction by Wt: 4%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:50 PPM

ACGIH TLV:25 PPM; 9394

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

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO

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

Hea

Ith Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION OR  
BURNS.SKIN:MAY CAUSE IRRITATION,BURN AND ALLERGIC  
SENSITIZATION.INGEST/INHAL:NOT REPORTED.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%  
WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Effects of Overexposure:SKIN:CHEMICAL BURNS OR ALLERGIC SKIN  
RASHES,POSSIBLY SEVERE.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN  
AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH MILD SOPA AND  
WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH  
AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT  
INDUCE VOMI TING.GET PROMPT QUALIFIED MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:173F,78C

Lower Limits:1.4

Extinguishing Media:WATER,DRY CHEM

ICAL,CARBON DIOXIDE,FOAM.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

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

Spill Release Procedures:SOAK UP WITH NON-COMBUSTIBLE INERT ADSORBANT(EG.CLAY);PLACE COLLECTED MATERIAL IN AN APPROPRIATE CONTAINER FOR DISPOSAL;CLEAN SPILL AREA TO REMOVE SLIPPERINESS.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM HEAT,SPARKS,FLAMES AND INCOMPATIBLE MATERIALS.

Other Precautions:FOLLOW LABEL DIRECTIONS.AVOID BREATHING VAPORS.AVOID SKIN AND EYE CONTACT.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED S

PACES USE A NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS.

Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves:NEOPRENE

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:USE A BARRIER CREAM.PROVIDE A LOCAL EYE WASH STATION.

Work Hygienic Practices:USE REASONABLE CARE IN HANDLING THIS PRODUCT.WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Safety and Health

KEY1;V4.HMIS SPOKE TO DEBORAH,AT FL

AMEMASTER CORP.WE LEARNED FROM HER

THAT COMPONENTS FOR BOTH THE BASE AND CATALYST ARE LISTED ON THE SAME MSDS.THE FIRST 3 ITEMS ARE FROM THE BASE;THE REST ARE FROM T HE CATALYST.

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

HCC:V4

Boiling Pt:=93.3C, 200.F

Vapor Pres:1

Vapor Density:1

Spec Gravity:0.7

pH:11

Viscosity:4-540 P

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

Solubility in Water:INSOLUBLE

Appearance and Odor:VISCOUS LIQUID;WHITE OR OFF-WHI

TE;SWEET AROMATIC  
ODOR.

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS AND ACIDS.

Stability Condition to Avoid: HIGH HEAT, SOURCES OF IGNITION.

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON  
MONOXIDE, ALDEHYDE AND NITROGEN.

Conditions to Avoid Polymerization: MIXING PARTS A & B TOGETHER WILL  
RESULT IN POLYMERIZATION.

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

Waste

Disposal Methods: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND  
LOCAL REGULATIONS.

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