

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

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Product Identification
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Product ID:E-400 MOLDABLE/POURABLE (CATALYST)
MSDS Date:10/24/1986
FSC:8030
NIIN:01-067-7587
Kit Part:Y
MSDS Number: BWNMP
=== 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
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Ingred Name:POLYETHYLENE POLYAMIDE FATTY ACID ADDUCT (TRADE SECRET)
Fraction by Wt: 0-27%
Other REC Limits:N
ONE RECOMMENDED

Ingred Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
Fraction by Wt: 4-5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9394

Ingred Name:POLYAMIDE RESIN
CAS:68410-23-1
Fraction by Wt: 0-32%
Other REC Limits:NONE RECOMMENDED

Ingred Name:FILLERS, NONHAZARDOUS
Fraction by Wt: 20-21%
Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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n:NO

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

Health 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 SOAP 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 VOMITING.GET PROMPT QUALIFIED MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point

:=78.3C, 173.F

Lower Limits:1.4

Extinguishing Media:WATER,DRY CHEMICAL,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.

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===== 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.

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

Respiratory Protec

tion:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN
ENCLOSED SPACES 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 FLAMEMASTER 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 W

ater:INSOLUBLE

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

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

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

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