

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

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

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:U

S

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

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

Ingred Name:POLYETHYLENE POLYAMIDE FATTY ACID ADDUCT (TRADE SECRET)

Fraction by Wt: 0-27%

Other REC Limits:NO

NE 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

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

: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 SKI
N
AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

===== 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.

===== 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.

===== 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 ARE
A TO REMOVE SLIPPERINESS.
Neutralizing Agent:NOT APPLICABLE.

===== 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 Protect

ion: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.

S

upplemental 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 Wa

ter: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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