

FLAMEMASTER CORP THE CHEM SEAL DIV -- E-400 (TSC) TOP COAT SEALER, PE-400. --
8030-01-067-7586

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

Product ID:E-400 (TSC) TOP COAT SEALER, PE-400.

MSDS Date:06/25/1992

FSC:8030

NIIN:01-067-7586

Kit Part:Y

MSDS Number: BTTKF

=== Responsible Party ===

Company Name:FLAMEMASTER CORP THE CHEM SEAL DIV

Address:11120 SHERMAN WAY

City:SUN VALLEY

State:CA

ZIP:91352-4949

Coun

try:US

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

Emergency Phone Num:818-982-1650

Preparer's Name:HERBERT MOORE

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:BISPHENOL A DIGLYCIDYL ETHER POLYMER (PER MSDS CAS#
25068-38-6).

Fraction by Wt: 21-22%

Other

REC Limits:NONE RECOMMENDED

Ingred Name:CALCIUM CARBONATE (MARBLE) (LIMESTONE)

CAS:1317-65-3

RTECS #:EV9580000

Fraction by Wt: 15-18%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 9394

Ingred Name:ALIPHATIC POLYAMIDOAMIDE (PER MSDS CAS# 68410-23-1).

Fraction by Wt: 10-12%

Other REC Limits:NONE RECOMMENDED

Ingred Name:DIATOMITE (PER MSDS CAS# 61790-53-2).

Fraction by Wt: 0-10%

Other REC Limits:NONE RECOMMENDED

Ingred Name:TITANIUM DIOXIDE

CAS:13463-67-7

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TECS #:XR2275000

Fraction by Wt: 7-9%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 9394

Ingred Name:PROPYLENE GLYCOL MONOMETHYL ETHER

CAS:107-98-2

RTECS #:UB7700000

Fraction by Wt: 6-7%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM/150STEL;9394

Ingred Name:2-BUTOXYETHANOL (SARA III)

CAS:111-76-2

RTECS #:KJ8575000

Fraction by Wt: 9-10%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, 50 PPM

ACGIH TLV:S, 25 PPM; 9394

Ingred Name:ISOPR

OPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 4-5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM/500STEL;9394

Ingred Name:N-BUTYL ALCOHOL (SARA III)
CAS:71-36-3
RTECS #:EO1400000
Fraction by Wt: 4-5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:S, C 50 PPM; 9394
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:PROPRIETARY COMMERCIAL SOLVENT BLEND
Fraction by Wt: 9-10%
Other REC Limits:NONE RECOMMENDED

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Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SENSITIZER-MAY CAUSE ALLERGIC SKIN
REACTION WHICH CAN BE SEVERE IN CERTAIN INDIVIDUALS.
Effects of Overexposure:ALLERGIC SKIN REACTION.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MFG.

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

First Aid:SKIN:PROMPTLY WASH W/MILD SOAP
& WATER. EYE:IMMED FLUSH EYES
W/WATER FOR @ LEAST 15MINS. CONSULT A PHYSICIAN.

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

Flash Point Method:TCC
Flash Point:60.0F,15.6C
Lower Limits:0.9
Upper Limits:15.8
Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL, WATER SPRAY.
Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:DECOMPOSITIN AND COMBUSTIN PRODUCTS MAY
BE TOXIC.

===== Accidental Release Measu

res =====

Spill Release Procedures:REMOVE ALL SOURCES OF HEAT AND OPEN FLAME.
DIKE SPILL. ABSORB W/INERT MATERIAL. SHOVEL INTO A CLOSABLE
CONTAINER FOR DISPOSAL.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:FLAMMABLE LIQUID. STORE IN COOL DRY
PLACE AWAY FROM HEAT AND OPEN FLAME.

Other Precautions:WASH THOROUGHLY AFATER HANDLING AND BEFORE EATING,
DRINKING, OR SMOKING.

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

Respiratory Protection:PAPROV/CCRFOV.

Ventilation:GOOD MECHANICAL VENTILATION WITH LOCAL EXHAUST.

Protective Gloves:NEOPRENE.

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:SKIN CREAMS.

Work Hygienic Practices:PRACTICE GOOD HYDGIENE PROCEDURES.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:B.P. Text:231F,111C

Melt/Freeze Pt:M.P/F.P Text:-6

5F,-54C

Vapor Pres:13.72

Vapor Density:3.64

Spec Gravity:1.2

Viscosity:70KU

Evaporation Rate & Reference:0.93 BUAC=1

Solubility in Water:INSOLUBLE.

Appearance and Odor:CLEAR, WHITE,GREY LIQUIDS, SWEETLY AROMATIC

Percent Volatiles by Volume:70

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:NONE KNOWN.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
ALD

EHYDES AND NITROGEN.

Conditions to Avoid Polymerization:BLEND OF A & B COMPONENTS WILL SLOWLY POLYMERIZE.

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

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

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