

THE FLAMEMASTER CORPORATION -- 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:10/24/1986

FSC:8030

NIIN:01-067-7586

Kit Part:Y

MSDS Number: BHFVZ

=== Responsible Party ===

Company Name:THE FLAMEMASTER CORPORATION

Address:11120 SHERMAN WAY

City:SUN VALLEY

State:CA

ZIP:91352

Country:US

Info Phone Num:81

8-982-1650

Emergency Phone Num:818-982-1650

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

CAGE:6N186

=== 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

Company Name:THE FLAMEMASTER CORPORATION

CAGE:6N186

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

Ingred Name:BISPHENOL A DIGLYCIDYL ETHER POLYMER

CAS:25068-38-6

RTECS #:SL6310000

Fraction b

y Wt: 21-22%

Ingred Name:CALCIUM CARBONATE (MARBLE) (LIMESTONE)

CAS:1317-65-3

RTECS #:EV9580000

Fraction by Wt: 15-18%

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 9192

Ingred Name:ALIPHATIC POLYAMIDOAMIDE

CAS:68410-23-1

Fraction by Wt: 10-12%

Ingred Name:DIATOMITE

CAS:61790-53-2

Fraction by Wt: 0-10%

OSHA PEL:20 MPPCF

ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:TITANIUM DIOXIDE

CAS:13463-67-7

RTECS #:XR2275000

Fraction by Wt: 7-9%

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:PROPYLENE GLYCOL MONOMETHYL ETHER

CAS:107-98-2

RTECS #:UB7700000

Fraction by Wt: 6-7%

OSHA PEL:100 PPM/150 STEL

ACGIH TLV:100 PPM/150STEL;9192

Ingred Name:2-BUTOXYETHANOL

CAS:111-76-2

RTECS #:KJ8575000

Fraction by Wt: 9-10%

OSHA PEL:S, 50 PPM

ACGIH TLV:S, 25 PPM; 9293

Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 4-5%

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:N-BUTYL ALCOHOL (SARA III)

CAS:71-36-3

RTECS #:EO1400

000
Fraction by Wt: 4-5%
OSHA PEL:100 PPM
ACGIH TLV:S, C 50 PPM; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:NO 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.

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

First Aid:SKI
N: PROMPTLY WASH MILD SOAP AND WATER. EYES: IMMEDIATELY
FLUSH EYES WITH WATERFOR AT LEAST 15 MINUTES. CONSULT A PHYSICIAN.

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

Flash Point Method:TCC
Flash Point:40F 4C
Lower Limits:0.9
Upper Limits:15.8
Extinguishing Media:CO2, FOAM, DRY CHEMICAL, WATER SPRAY.
Fire Fighting Procedures:USE SELF CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:DECOMPOSITION AND COMBUSTION PRODUCTS MAY
BE TOXIC.

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=== Accidental Release Measures =====

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

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

Handling and Storage Precautions:FLAMMABLE LIQUID. STORE IN COOL DRY
PLACE AWAY FROM HEAT AND OPEN FLAME.
Other Precautions:WASH THOROUGHLY AFTER 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:WASH THOROUGHLY WITH SOAP AND WATER.
Supplemental Safety and Health
NK

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

Boiling Pt:B.P. Text:231F
Vapor Pres:13.72MMHG
Vapor Density:3.64 A
IR=1
Spec Gravity:1.2 H2O=1
Viscosity:70 K.U.
Evaporation Rate & Reference:..93 BUAC=1
Solubility in Water:INSOLUBLE
Appearance and Odor:CLEAR, WHITE, GRAY 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,
ALDEHYDES AND NITROGEN.
Conditions
to Avoid Polymerization:BLEND OF A AND B COMPONENTS WILL
SLOWLY POLYMERIZE.

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

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

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