

THE FLAMEMASTER CORPORATION -- E-400 (TSC) TOP COAT SEALER PE-400 -- 8030-00-009-5032  
===== Product Identification =====

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

MSDS Date:10/24/1986

FSC:8030

NIIN:00-009-5032

Kit Part:Y

MSDS Number: BHCWN

=== 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  
(EPOXY RESIN)

CAS:25068-38-6

F

raction by 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:SILICA, AMORPHOUS, DIATOMACEOUS EARTH, CONTAINING LESS THAN  
1% CRYSTALLINE SILICA

CAS:61790-53-2

RTECS #:HL8600000

Fraction by Wt: 0-10%

OSHA PEL:20 MPPCF

ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:TITANIUM DIOXIDE

CAS:134

63-67-7

RTECS #:XS2275000

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:ISPORONANOL

RTECS #:NT8600000

Fraction by Wt: 4-5%

ACGIH TLV:400 PPM

Ingred Name:N-BUTYL ALCOHOL (SA

RA III)  
CAS:71-36-3  
RTECS #:EO1400000  
Fraction by Wt: 9-10%  
OSHA PEL:100 PPM  
ACGIH TLV:S, C 50 PPM; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
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 IN-DIVIDUALS  
Effects of Overexposure:SENSITIZER - MAY CAUS  
E ALLERGIC SKIN REACTION  
WHICH CAN BE SEVERE IN CERTAIN INDIVIDUALS

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First Aid Measures  
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First Aid:SKIN: PROMPTLY WASH WITH MILD SOAP AND WATER. EYES:  
IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. CONSULT  
A PHYSICIAN.

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Fire Fighting Measures  
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Flash Point Method:TCC  
Flash Point:40 F 4.44 C  
Lower Limits:0.9  
Upper Limits:15.8  
Extinguishing Media:CO2, FOAM, DRY CHEMICAL, AND/OR WA  
TER SPRAY  
Fire Fighting Procedures:USE SELF CONTAINED BREATHING APPARATUS  
Unusual Fire/Explosion Hazard:DECOMPOSITION AND COMBUSTION PRODUCTS MAY  
BE TOXIC

=====  
Accidental Release Measures  
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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:FLAMMA

BLE 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:GOOD GENERAL HYGIENE PRACTICES

Supplementa

I Safety and Health

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

Boiling Pt:B.P. Text:231 F

Decomp Temp:Decomp Text:NA

Vapor Pres:13.72MM

Vapor Density:3.64 AIR

Spec Gravity:1.2

pH:NA

Evaporation Rate & Reference:.93

Solubility in Water:INSOLUBLE

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

Percent Volatiles by Volume:70

Corrosion Rate:NA

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

Stability Indicator/Materials to Avo

id:YES

STRONG OXIDIZING AGENTS

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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