

FLAMEMASTER CORP THE CHEM SEAL DIV -- E-400 TOP COAT SEALANT (PART 2) --
8030-01-067-7586

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

Product ID:E-400 TOP COAT SEALANT (PART 2)

MSDS Date:02/01/1994

FSC:8030

NIIN:01-067-7586

Kit Part:Y

MSDS Number: CBTSV

=== 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:818-982-1650/1-800-424-9300

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:2-BUTOXYETHANOL

CAS:111-76-2

RTECS #:KJ8575000

Fraction by Wt: 10.0%

Other REC Limits:NONE REC

OMMENDED
OSHA PEL:50 PPM
ACGIH TLV:25 PPM

Ingred Name:2-PROPANOL (SARA 313)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 8.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM

Ingred Name:N-BUTANOL (SARA 313) (CERCLA)
CAS:71-36-3
RTECS #:EO1400000
Fraction by Wt: 10.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL BENZENE (SARA 313)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 2.0%
Other
REC Limits:NONE RECOMMENDED
OSHA PEL:50 PPM
ACGIH TLV:50 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:VOC = 387 G/L
RTECS #:9999999VO
Fraction by Wt: NA
Other REC Limits:NONE RECOMMENDED
OSHA PEL:NOT EST.

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION CAN CAUSE DIZZINESS.
IRRITATION & CONTACT W/SKIN MAY

CAUSE DEFATTING, IRRITATION,
DERMATITIS. SKIN BURN MAY RESULT FROM PROLONGED EXPOSURE.
Effects of Overexposure:COUGHING, TEARING OF EYES, NAUSEA, VOMITING.
Medical Cond Aggravated by Exposure:ATHSMA, KIDNEY CONDITIONS, LIVER
CONDITIONS.

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

First Aid:EYES: FLUSH W/WATER 15 MINUTES. CALL DR. SKIN: WASH W/SOAP &
WATER. INGESTION: GIVE WATER & INDUCE VOMITING. CONTACT DR.

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

Flash Point Method:TCC
Flash Point:40.0F,4.4C
Lower Limits:1.8
Upper Limits:15.8
Extinguishing Media:FOAM, FOG, SPRAY, DRY CHEMICAL, CARBON DIOXIDE.
Fire Fighting Procedures:IN CONFINED AREAS USE SCBA.
Unusual Fire/Explosion Hazard:VAPORS HEAVIER THAN AIR. CAN TRAVEL TO
NEARBY IGNITION SOURCES.

===== Accidental Release Measures =====

Spill Release Procedures:REMOVE ALL IGNITION SOURCES. BANK AREA W/SAND.
ABSORB & TRANSFER TO SAFE CONTAI
NER.

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

Handling and Storage Precautions:STORE IN COOL, DRY AREA. AVOID
BREATHING VAPORS. KEEP CONTAINER CLOSED.
Other Precautions:DO NOT TAKE INTERNALLY. USE W/ADEQUATE VENTILATION.

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

Respiratory Protection:IF TLV IS EXCEEDED USE NIOSH APPROVED ORGANIC
VAPOR RESPIRATOR.
Ventilation:LOCAL EXHAUST, AIR OR HOOD. (GENERAL) EXHAUST FAN.
Protective Gloves:RUBB

ER

Eye Protection:SAFETY GLASSES W/SPLASH GUARDS.

Other Protective Equipment:CHEMICAL APRON.

Work Hygienic Practices:TRAIN PERSONNEL IN SAFE HANDLING OF PRODUCT BEFORE USE.

Supplemental Safety and Health

NK

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

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

Melt/Freeze Pt:M.P/F.P Text:LIT @ R.T.

Decomp Temp:Decomp Text:NA

Vapor Pres:22.0

Vapor Density:3.14

Spec Gravity:1.39

pH:8.5

Viscosity:500 CPS

Solubility in Water:SLIGHT

Appearance and O

dor:HAZY GRAY WHITE & FOREST GREEN SOLUTION, ALCOHOL

ODOR

Percent Volatiles by Volume:45.0

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, CARYLATES OR ORGANIC HALIDES.

Stability Condition to Avoid:HEAT, SPARKS, OPEN FLAMES.

Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:DISPOSE OF FLAMMABLE LIQUID ACCORDING TO LOCAL,
STATE, FE

DERAL REGS.

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