

FLAMEMASTER CORP., THE CHEM SEAL DIV. -- CS 3204 PART A -- 8030-00-723-5343

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

Product ID:CS 3204 PART A

MSDS Date:06/15/1990

FSC:8030

NIIN:00-723-5343

Kit Part:Y

MSDS Number: BKKFD

=== Responsible Party ===

Company Name:FLAMEMASTER CORP., THE CHEM SEAL DIV.

Address:11120 SHERMAN WAY

City:SUN VALLEY

State:CA

ZIP:91352

Country:US

Info Phone Num:818-982-1650

Emergenc

y Phone Num:800-424-9300 (CHEMTREC)

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:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:100

0 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:VOC: 140 GM/LITER
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

===== 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:MAY CAUSE EYE, SKIN AND NOSE
IRRITATION. MAY LEAD TO MUSCULAR WEAKNESS AND DIZZINESS. LONG TERM
EXPOSURE MAY LEAD TO DERMATITIS, LIVER AND KIDNEY DAMAGE.
Effects of Overexposure:EYE, NOSE OR SKIN IRRITATION. HEADACHE AND
NAUSEA WITH IMPAIRED COORDINATION.
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS,
RESPIRATORY TRACT; LIVER OR KIDNEY DISEASE.

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

First Aid:EYE CONTACT: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER,
CONTACT PHYSICIAN. SKIN: WASH WITH MILD SOAP AND WATER.

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

Flash Point Method:TCC
Flash Point:90.0F,32.2C
Lower Limits:1.3
Upper Limits:7.1
Extinguishing Media:DRY CHEMICAL, CO2, FOAM, WATER. ROOM TEMPERATURE.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS, IN
CONFINED AREAS.
Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND CAN
TRAVEL TO SOURCES OF IGNITION.

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

Spill Release Procedures:REMOVE IGNITION SOURCES. TRANSFER TO SAFETY
CONTAINER, CLEAN UP REMAINDER WITH SAND OR

SWEEPING COMPOUND, WASH
AREA WITH SOAP AND WATER.

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

Handling and Storage Precautions:STORE IN COOL, WELL VENTILATED AREA.
GROUND CONTAINERS WHEN FILLING OR EMPTYING.
Other Precautions:WASH HANDS BEFORE EATING, DRINKING OR SMOKING, AFTER
HANDLING THIS PRODUCT.

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

Respiratory Protection:FOR VAPORS ABOVE 200 PPM NEED SELF-CONTAINED
BREATHING APPARAT
US.
Ventilation:LOCAL EXHAUST: HOOD. MECHANICAL: FAN.
Protective Gloves:RUBBER.
Eye Protection:SAFETY GLASSES/FACE SHIELD.
Other Protective Equipment:APPROPRIATE TO PREVENT PROLONGED CONTACT
WITH SKIN.
Work Hygienic Practices:TRAIN PERSONNEL IN SAFE HANDLING OF THIS
PRODUCT.
Supplemental Safety and Health
KEY1:F4.

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

HCC:F4
Boiling Pt:B.P. Text:231F,111C
Melt/Freeze Pt:M.P/F.P Text:LIQUID AT
Vapor Pres:2
Vapor Density:3.
1
Spec Gravity:1.5
pH:8.5
Viscosity:300 POISES
Evaporation Rate & Reference:2.0 (BUAC = 1)
Solubility in Water:NEGLIGIBLE
Appearance and Odor:WHITE PASTE, POLYSULFIDE ODOR.
Percent Volatiles by Volume:15

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

Stability Indicator/Materials to Avoid:YES
AVOID STRONG OXIDIZING AGENTS.
Stability Condition to Avoid:HIGH HEAT OR OPEN FLAME.
Hazardous Decomposition Products:SO2, CO2, H2S, SOOT, CO.

=====
Disposal Con
=====

siderations =====

Waste Disposal Methods:INCINERATION AND/OR LANDFILL-REACT WITH CURING
AGENT AND DISPOSE AS SOLID HAZARDOUS WASTE ACCORDING TO FEDERAL,
STATE AND LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all
liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.