

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

Product ID:CS 3204 PART A

MSDS Date:01/20/1992

FSC:8030

NIIN:00-753-5008

MSDS Number: BSFQB

=== 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

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:METHYLBENZENE (TOLUENE) (SARA 313)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 10%

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM

ACGIH TLV:100 PPM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:VOC: 140 G

/L
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
N
AUSEA 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 & WATER.

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

Flash Point Method:TCC
Flash Point:90.0F,32.2C
Lower Limits:1.3
Upper Limits:7.1
E
xtinguishing Media:DRY CHEMICAL, CO2, FOAM, WATER
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS (SCBA)
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, CLEANUP REMAINDER WITH SAND OR SWEEPING COMPOUND. WASH
AREA WITH SOAP & WATER.

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===== 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-CONTAINER BREATHING APPARATUS (SCBA).

Ventilation:LOCAL EXHAUST, HOOD; MECHANICAL GENERAL, FAN.

Pro

ective 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

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

HCC:B3

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

Melt/Freeze Pt:M.P/F.P Text:LIQ @RMTEMP

Vapor Pres:2 MM HG

Vapor Density:3.1(AIR=1)

Spec Gravity:1.5 (WATER=1)

pH:8.5

Viscosity:300 POI

SES

Evaporation Rate & Reference:2.0 (BUTYL ACETATE = 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 Considerations =====

Wast

e Disposal Methods: REACT WITH CURING AGENT & DISPOSE AS SOLID
HAZARDOUS WASTE ACCORDING TO LOCAL, STATE & FEDERAL REGULATIONS.
INCINERATION &/OR LAND DISPOSAL, AS IS OR REACT WITH PART B &
DISPOSE AS SOLID HAZARDOUS WASTE.

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