

FLAMEMASTER CORP THE CHEM SEAL DIV -- CS 3100 TYPE 1, CLASS 1, PART A --
8030-00-631-8013

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

Product ID:CS 3100 TYPE 1, CLASS 1, PART A

MSDS Date:03/16/1990

FSC:8030

NIIN:00-631-8013

Kit Part:Y

MSDS Number: BLJWC

=== Responsible Party ===

Company Name:FLAMEMASTER CORP THE CHEM SEAL DIV

Address:11120 SHERMAN WAY

City:SUN VALLEY

State:CA

ZIP:91352-4949

Country:US

Inf

o Phone Num:818-982-1650 FAX 818-765-5603

Emergency Phone Num:818-982-1650

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

Company Name:STEVEN INDUSTRIES

Address:39 AVENUE C

Box:8

City:BAYONNE

State:NJ

ZIP:07002-3417

Country:US

Phone:201-437-6501

CAGE:33150

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

Ingred Name:TOL

UENE (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:1000 LBS
DOT Rpt Qty:1000 LBS

=====
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 DERMATITUS, 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 AMOUNT OF WATER.
CONTACT PHYSICIAN. SKIN: WASH WITH MILD SOAP AND WATER.

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

Flash Point Method:TCC
Flash Point:130F,54C
Lower Limits:1.3
Upper Limits:7.1
Extinguishing Media:FOAM, DRY CHEMICAL, CO2, WATER.
Fire Fighting Procedures:IN CONFINED AREAS SELF-CONTAINED BREATHING
APPARATUS SHOULD BE WORN.
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 SAF

ETY

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.
KEEP CONTAINERS CLOSED.

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

Respiratory Protection:FOR VAPORS ABOVE 200 PPM NEED SELF-CONTAINED BREATHING APPARATUS.

Ventilation:LOCAL EXHAUST--HOOD; MECHANICAL--FAN

Protective Glov

es: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. WASH HANDS BEFORE EATING, DRINKING, OR SMOKING.

Supplemental Safety and Health

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

HCC:F4

Boiling Pt:B.P. Text:323 TO 390F

Melt/Freeze Pt:M.P/F.P Text:LIQUID AT*

Vapor Pres:22 MM HG

Vapor Density:3.2

Spec Gravity:1.48

E

vaporation Rate & Reference:2.0 (BU AC=1)

Solubility in Water:INSOLUBLE *ROOM TEMP

Appearance and Odor:WHITE PASTE; POLYSULFIDE ODOR.

=====
===== 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 =====

Waste Disposal Methods:REACT WITH CU

RING 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

o verify and

assume responsibility for the suitability of this information to their particular situation.