

FLAMEMASTER CORP THE CHEM SEAL DIV -- CS 3105 (PART A) -- 8030-01-469-7150

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

Product ID:CS 3105 (PART A)

MSDS Date:07/10/1998

FSC:8030

NIIN:01-469-7150

Status Code:A

Kit Part:Y

MSDS Number: CKVKT

=== 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

Emergency Phone Num:(800)424-9300

Preparer's Name:HERBERT MOORE

Chemtec Ind/Phone:(800)424-9300

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

Contract Num:SP0560-00-M-AN36

CAGE:14439

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

Ingred Name:METHYL BENZENE (TOLUENE)

CAS:108-88-3

RTECS #:XS5250000

= Wt:2.

Other REC Lim

its:NOT PROVIDED
OSHA PEL:SEE TABLE Z-2
ACGIH TLV:188 MG/M3;50 PPM

Ingred Name:LIQUID POLYSULFIDE POLYMER
CAS:68611-50-7
= Wt:60.
Other REC Limits:NONE

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

LD50 LC50 Mixture:NOT PROVIDED
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 DAMAGE.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:EYE, NOSE OR SKIN IRRITATION, HEADACHE AND
NAUSEA WITH IMPAIRED CO-ORDINATION.
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.
SKIN: WASH WITH MILD SOAP AND WATER.

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

Flash Point Method:TCC
Flash Point:=54.4C, 130.F
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 SAFETY

CONTAINER. CLEAN UP REMAINDER WITH SAND OR SWEEPING COMPOUND. WASH AREA WITH SOAP AND WATER.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN A COOL WELL VENTILATED AREA.
KEEP CONTAINERS CLOSED.

Other Precautions:WASH HANDS BEFORE EATING, DRINKING OR SMOKING, AFTER HANDLING THIS PRODUCT.

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

R

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

Ventilation:LOCAL EXHAUST: HOOD. MECHANICAL (GENERAL): 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
NONE

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

HCC:F4

NRC/

State Lic Num:NOT RELEVANT

Boiling Pt:=110.6C, 231.F

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

Vapor Pres:22

Vapor Density:3.2

Spec Gravity:1.68

VOC Pounds/Gallon:25

Viscosity:1100 POISES

Evaporation Rate & Reference:2.0 (BUTYL ACETATE=1)

Solubility in Water:INSOLUBLE

Appearance and Odor:WHITE PASTE, POLYSULFIDE ODOR.

Percent Volatiles by Volume:5

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

Stability Indicator/Materials to Avoid:YES
AVOID STRONG OXIDIZING AGE

NTS.

Stability Condition to Avoid:HIEAT OR OPEN FLAME.

Hazardous Decomposition Products:SO2, CO2, H2S, SOOT, CO.

===== Toxicological Information =====

Toxicological Information:NOT PROVIDED

===== Ecological Information =====

Ecological:NOT PROVIDED

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

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

===== MSDS Transport Information =====

Transport Information:NOT PROVIDED

===== Regulatory Information =====

SARA Title III Information:CONTAINS A CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III AND 40 CFR PART 372: TOLUENE.

Federal Regulatory Information:ALL COMPONENTS ARE LISTED ON THE TSCA INVENTORY.

State Regulatory Information:NOT PROVIDED

=====
=== Other Information =====

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.