

FLAMEMASTER CORP THE CHEM SEAL DIV -- CS 3100 TYPE II CLASS 1 (PART A) --
8030-00-881-2618

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Product Identification
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Product ID:CS 3100 TYPE II CLASS 1 (PART A)

MSDS Date:07/19/1991

FSC:8030

NIIN:00-881-2618

Kit Part:Y

MSDS Number: BTTJC

=== 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 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

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Composition/Information on Ingredients
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Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 2%

Other REC L

imits:NONE RECOMMENDED
OSHA PEL:200 PPM; Z-2
ACGIH TLV:S, 50 PPM; 9394
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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===== 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:EYES:MAY CAUSE IRRITATION.SKIN:MAY
CAUSE IRRITATION.INGEST:MAY CAUSE GI TRACT IRRITATION.INHAL:MAY
CAUSE RESPIRATORY IRRITATION.CHRONIC:DERMATITIS,LIVER AND KIDNEY

DAMAGE.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%
WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Effects of Overexposure:INHAL/INGEST:MUSCLE
WEAKNESS,HEADACHE,NAUSEA,IMPAIRED COORDINATION.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING
SKIN,LIVER,KIDNEY OR RESPIRATORY AILMENTS MAY BE AT INCREASED RISK
FROM EXPOSURE.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING
;WASH WITH WATER.EYES:FLUSH
WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR
ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING.GET
PROMPT QUALIFIED MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:130F,54C

Lower Limits:1.3

Upper Limits:7.1

Extinguishing Media:WATER FOG,DRY CHEMICAL,CARBON DIOXIDE,FOAM.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND
FU

LL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER
FOG.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR,CAN TRAVEL
DISTANCES ALONG THE GROUND,AND FLASHBACK AT THE SOURCE.HAZARDOUS
FUMES MAY BE EVOLVED FROM FIRE.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION.USE PROPER
RESPIRATORY AND PROTECTIVE EQUIPMENT.SHUT OFF LEAK IF
SAFE.DIKE.SOAK UP WITH A NON-COMBUSTIBLE INERT
ABSO
RBANT(CLAY,SAND);PLACE IN PROPER CONTAINER FOR DISPOSAL.WASH
SPILL AREA TO REMOVE SLIPPINESS.
Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED
PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.
Other Precautions:WASH AFTER AFTER HANDLING.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN
ENCLOSED SPACES WHERE VAPORS ARE ABOVE 200PPM,USE A SELF-CONTAINED
BREATHING APPARATUS.
Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL)
VENTILATION TO MAINTAIN TLV/PEL.
Protective Gloves:RUBBER
Eye Protection:SAFETY GLASSES WITH FACE SHIELD
Other Protective Equipment:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A
LOCAL EYE WASH STATION AND SAFETY SHOWER.
Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET
CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP
FOOD OUT OF THE WORK
AREA.
Supplemental Safety and Health
KEY1;F4.THIS ITEM IS A MARINE POLLUTANT.

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

HCC:F4
Boiling Pt:B.P. Text:231F,111C
Vapor Pres:22
Vapor Density:3.2
Spec Gravity:1.68
pH:7.2
Viscosity:500 POISES
Evaporation Rate & Reference:2.0 (N-BUTYL ACETATE=1)
Solubility in Water:NEGLIGIBLE
Appearance and Odor:PASTE;WHITE;POLYSULFIDE ODOR
Percent Volatiles by Volume:5

===== Stability and Reactivit

y Data =====

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: HIGH HEAT, SOURCES OF IGNITION.

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE, HYDROGEN SULFIDE, SULFUR DIOXIDE.

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

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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