

FLAMEMASTER CORP THE CHEM SEAL DIV -- CS 3204 -- 8030-00-965-2004

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

Product ID:CS 3204

MSDS Date:03/27/1986

FSC:8030

NIIN:00-965-2004

Kit Part:Y

MSDS Number: BKJSN

=== 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

Emerge

ncy Phone Num:818-982-1650

Preparer's Name:AYMAN OMAR

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

Fraction by Wt: 11%

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

Ingred Name:POLYSULFIDE POLYMER (VEHICLE)  
Fraction by Wt: 51%  
Other REC Limits:NONE SPECIFIED

Ingred Name:TITANIUM DIOXIDE  
CAS:13463-67-7  
RTECS #:XR2275000  
Fraction by Wt: 3%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:CALCIUM CARBONATE (MARBLE) (LIMESTONE)  
CAS:1317-65-3  
RTECS #:EV9580000  
Fraction by Wt: 28%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9192

Ingred Name:MANGANESE DIOXIDE (CATALYST)  
CAS:1313-13-9  
RTECS #:OP0350000  
Fraction by Wt: 7%  
Other REC Limits:NONE SPECIFIED

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

Health Hazards Acute and Chronic:HEADACHES, LOSS OF APPETITE & POOR COORDINATION. CAN BURN THE CORNEA IF NOT REMOVED PROMPTLY. SKIN IRRITATION AFTER REPEATED EXPOSURE.

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

First Aid:EYES: WASH WITH WATER FOR APPROXIMATELY 15 MINUTES & GET IMMEDIATE MEDICAL AID. SKIN: WASH WITH PLENTY OF SOAP & WATER IMMEDIATELY.

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

Flash Point Method:CC  
Flash Point:90.0F,32.2C  
Autoignition Temp:Autoignition Temp Text:644 F  
Lower Limits:7  
Upper Limits:90  
Extinguishing Media:DRY CHEMICALS, CO2, ETC.

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

Spill Release Procedures:AVOID INHALATION OF VAPORS AND SKIN CONTACT. REMOVE SOURCES OF IGNITION. RESPI

RATORY PROTECTIVE EQUIPMENT MUST  
BE USED IN CONFINED OR INADEQUATELY VENTILATED AREAS. STOP FLOW OF  
PRODUCT.

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

Handling and Storage Precautions:STORE AWAY FROM EXCESSIVE HEAT,  
SOURCES OF IGNITIONS & REACTIVE MATERIALS. STORE IN A COLD, DRY  
AREA WITH ADEQUATE VENTILATION.

Other Precautions:ALL ELECTRICAL EQUIPMENT IN AREAS WHERE MATERIAL IS  
STORED AND/OR HANDLED SHOULD BE INSULATED IN ACCORDANCE WITH  
APPLI

CABLE REQUIREMENTS OF THE NATIONAL ELECTRIC CODE N.F.P.A.

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

Respiratory Protection:AT CONCENTRATIONS GREATER THAN 100 PPM. USE  
APPROVED CANISTER GAS MASK.

Ventilation:MECHANICAL.

Protective Gloves:RECOMMENDED.

Eye Protection:SAFETY GOGGLES.

Supplemental Safety and Health

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

HCC:F3

Boiling Pt:B.P. Text:450F,232C

Vapor Pres:2 MM

Vapor Density:3.1

Spec Gravity:

1.50

pH:7

Viscosity:300 P/800 P

Evaporation Rate & Reference:0.02

Solubility in Water:0.0

Appearance and Odor:PART A-OFF WHITE LIQUID; POLYSULFIDE ODOR. PART  
B-BLACK PASTE.

Percent Volatiles by Volume:10

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

Stability Indicator/Materials to Avoid:YES

SULFURIC ACID, NITRIC ACID & HYDROCHLORIC ACID.

Stability Condition to Avoid:OPEN FLAME.

Hazardous Decomposition Products:SO<sub>2</sub>, CO AND POSSIBLY FORMALDEHYDE AND  
H<sub>2</sub>S.

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===== Disposal Considerations =====  
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Waste Disposal Methods:SANITARY LANDFILL.

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