

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  
Emergen  
cy 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

===== 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.

===== 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.

===== 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.

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

Spill Release Procedures:AVOID INHALATION OF VAPORS AND SKIN CONTACT.  
REMOVE SOURCES OF IGNITION. RESPIRATORY PROTECTIVE EQUIPMENT MUST BE USED IN CONFINED OR INADEQUATELY VENTILATED AREAS. STOP FLOW OF PRODUCT.

===== 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 APPLICABLE REQUIREMENTS OF THE NATIONAL ELECTRIC CODE N.F.P.A.

===== 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

===== 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

===== 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:SO2, CO AND POSSIBLY FORMALDEHYDE AND  
H2S.

=====

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

Waste Disposal Methods:SANITARY LANDFILL.

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.