

FLAMEMASTER CORP THE CHEM SEAL DIVISION -- CS 3204, PART B -- 8030-00-850-0759

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Product Identification  
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Product ID:CS 3204, PART B

MSDS Date:06/15/1990

FSC:8030

NIIN:00-850-0759

MSDS Number: BRKHV

=== Responsible Party ===

Company Name:FLAMEMASTER CORP THE CHEM SEAL DIVISION

Address:11120 SHERMAN WAY

City:SUN VALLEY

State:CA

ZIP:91352

Country:US

Info Phone Num:818-982-1650

Emergency Phon

e Num: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:MANGANESE DIOXIDE (DUST) (EXPOSURE LIMITS BASED ON DUST PARTICLES. THAT DO NOT EXIST IF WETTED OUT)

CAS:1313-13-9

RTECS #:OP0350000

Fraction by Wt: 65%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3

Ingred Name:VOC: 1 GRAM/LITER

RTECS #:9999999VO

Other REC Limits:NONE SPECIFIED

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:IMPAIRMENT OF CENTRAL NERVOUS SYSTEM.

Effects of Overexposure:SLUGGISHNESS, SLEEPLESSNESS AND/OR WEAKNESS IN THE LEGS, WHEN EXCESSIVE I

INHALATION EXPOSURE TO DUST OCCURS.

TARGET ORGANS: CENTRAL NERVOUS SYSTEM, BLOOD,  
KIDNEYS.

Medical Cond Aggravated by Exposure:NONE KNOWN

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First Aid Measures  
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First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER, CONTACT PHYSICIAN.  
SKIN: WASH WITH SOAP AND WATER.

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Fire Fighting Measures  
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Flash Point:NOT FLAMMABLE

Extinguishing Media:DRY CHEMICAL, CO2, FOAM WATER

Fire Fighting Procedures:

IN CONFINED AREAS WEAR SELF-CONTAINED  
BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:EXPLOSION HAZARD IF HEATED WITH  
OXIDIZABLE MATERIALS.

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Accidental Release Measures  
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Spill Release Procedures:SCOOP UP AND TRANSFER TO SAFETY CONTAINER,  
WASH SURFACE WITH SOAP AND WATER.

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Handling and Storage  
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Handling and Storage Precautions:STORE IN A COOL, DRY AREA. WASH HANDS  
BEFORE EATING, DRINKING OR  
SMOKING AFTER HANDLING THIS PRODUCT.

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Exposure Controls/Personal Protection  
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Respiratory Protection:NONE NEEDED

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES

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

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Physical/Chemical Properties  
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Melt/Freeze Pt:M.P/F.P Text:LIQ@RM TEM

P  
Spec Gravity:2.0 (WATER=1)  
pH:9.0  
Viscosity:1000 POISES  
Evaporation Rate & Reference:NIL  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:BLACK PASTE, OILY ODOR  
Percent Volatiles by Volume:2.0

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

Stability Indicator/Materials to Avoid:YES  
REDUCING AGENTS AND COMBUSTIBLE, H2S, POTASSIUM AZIDE  
Stability Condition to Avoid:NONE  
Hazardous Decomposition Products:CO2, CO, NO, NO2, DUST

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

Waste Disposal Methods:REACT WITH BASE COMPONENT AND DISPOSE AS SOLID WASTE ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

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