

THE FLAMEMASTER CORPORATION -- CS 3204, PART B -- 8030-00-685-0915

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

Product ID:CS 3204, PART B

MSDS Date:05/02/1989

FSC:8030

NIIN:00-685-0915

Kit Part:Y

MSDS Number: BHQLH

=== Responsible Party ===

Company Name:THE FLAMEMASTER CORPORATION

Address:11120 SHERMAN WAY

City:SUN VALLEY

State:CA

ZIP:91352

Country:US

Info Phone Num:1-800-424-9300 OR 1-818-982-1650

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ncy Phone Num:1-800-424-9300 OR 1-818-982-1650

CAGE:6N186

=== 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

Company Name:THE FLAMEMASTER CORPORATION

CAGE:6N186

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

Ingred Name:MANGANESE DIOXIDE (DUST)\*\*\*

CAS:1313-13-9

RTECS #:OP0350000

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3

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=== Hazards Identification =====

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.

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

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

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

Flash Point:NONE  
Lower Limits:NA  
Upper Limits:NA  
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.

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

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

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

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

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

Respiratory Protection:NONE NEEDED.  
Ventilation:NA  
Protective Gloves:RUBBER GLOVES.  
Eye Protection:SAFETY GLASSES.  
Other Protective Equipment:APPROPRIATE TO PREVENT PROLONGED CONTACT

WITH SKIN. TRAIN PERSONNEL IN SAFE HANDLING OF THIS PRODUCT.

Work Hygienic Practices: TRAIN PERSONNEL IN SAFE HANDLING OF THIS PRODUCT.

Supplemental Safety and Health

KEY1:N1. THE EXPOSURE LIMITS ARE BASED ON DUST PARTICLES. IN THIS PRODUCT THE MANGANESE DIOXIDE PARTICLES ARE WETTED OUT THEREFORE AIRBORNE PARTICLES WILL NOT RESULT FROM NORMAL USE.

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

HCC:N1

Boiling Pt:B.P. Text:NA

Melt/Freeze Pt:M.P/F.P Text:\*

Dec

omp Temp:Decomp Text:NA

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:2.0 (H2O=1)

Evaporation Rate & Reference:NEGLIGIBLE

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BLACK PASTE, OILY ODOR. (LIQUID AT ROOM TEMP.)

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

Stability Indicator/Materials to Avoid:YES

REDUCING AGENTS AND COMBUSTIBLES, H2S, POTASSIUM AZIDE.

Stability Condition to Avoid:NONE.

Hazardous Decomposition Products:CO2, CO, NO, NO2, DUST.

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===== 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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