

FLAMEMASTER CORP THE CHEM SEAL DIV -- CS 3204, PART B -- 8030-00-753-5006

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

Product ID:CS 3204, PART B

MSDS Date:06/15/1990

FSC:8030

NIIN:00-753-5006

MSDS Number: BRKHG

=== 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

Em

ergency Phone Num:818-982-1650

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

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

Ingred Name:MANGANESE DIOXIDE (DUST) (EXPOSURE LIMITS BASED ON DUST PARTICLES. IN MANGANESE DIOXIDE PARTICLES ARE WETTED OUT)

CAS:1313-13-9

RTECS #:OP0350000

Fr

action 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

===== 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,

WHEN EXCESSIVE INHALATION EXPOSURE TO DUST OCCURS.

TARGET ORGANS: CENTRAL NERVOUS SYSTEM, BLOOD,
KIDNEYS.

Medical Cond Aggravated by Exposure:NONE KNOWN

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

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

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

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.

===== 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. WASH HANDS
BEFORE E
ATING, DRINKING OR SMOKING AFTER HANDLING THIS PRODUCT.

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

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

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

HCC:B3
Melt/Freeze Pt

:M.P/F.P Text:LIQ@RM TEMP
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.

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.