

FLAMEMASTER CORP; CHEM SEAL DIV -- CS 3204, PART B -- 8030-00-878-8428

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

Product ID:CS 3204, PART B

MSDS Date:06/15/1990

FSC:8030

NIIN:00-878-8428

Kit Part:Y

MSDS Number: BRNPQ

=== Responsible Party ===

Company Name:FLAMEMASTER CORP; CHEM SEAL DIV

Address:11120 SHERMAN WAY

City:SUN VALLEY

State:CA

ZIP:91352

Country:US

Info Phone Num:818-982-1650

Emergency Phone

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

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

Ingred Name:MANGANESE DIOXIDE (DUST) (EXPOSURE LIMITS BASED ON DUST
PARTICLES.PARTICLES WETTED OUT THERFORE PARTICLES WON'T RESULT)

CAS:1313-13-9

RTECS #:OP0350000

F

reaction by Wt: 65%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3

Ingred Name:VOC: 1 GM/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.
Medical Cond Aggravated by Exposure:NONE KNOWN

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER, CONTACT PHYSICINA.
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.
Other Precautions:WASH HANDS BEFORE EATING, DRINKING OR SMOKING AFTER
HANDLING THIS PRODUCT.

=====
Exposure Controls/Personal Prote
=====

ction =====

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

KEY1:N1.

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

HCC:N1

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 (BU AC=1)

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 COMBUSTIBLES, H2S, POTASSIUM AZIDE

Stability Condition to Avoid:NONE

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

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

Waste Disposal Methods:REACT WI

TH BASE COMPONENT AND DISPOSE AS SOLID

WASTE ACCORDING TO FEDERAL, STATE, AND LOCAL REGULATIONS. EPA

HAZARDOUS WASTE NUMBER: CAD062064746.

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.