

CHEM SEAL CORP(DIST),SHEPHERD CHEMICAL (MFR) -- CS3204, CLASS A-2, MIL-S-8802D, PART B
-- 8030-00-007-8337

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Product Identification
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Product ID:CS3204, CLASS A-2, MIL-S-8802D, PART B

MSDS Date:01/01/1985

FSC:8030

NIIN:00-007-8337

MSDS Number: BCVCZ

==== Responsible Party ====

Company Name:CHEM SEAL CORP(DIST),SHEPHERD CHEMICAL (MFR)

Emergency Phone Num:(213) 982-1655

CAGE:JO801

==== Contrac

tor Identification ===

Company Name:CHEM SEAL CORP(DIST),SHEPHERD CHEMICAL (MFR)

CAGE:JO801

Company Name:FLAMEMASTER CORPORATION

Address:11120 SHERMAN WAY

Box:City:SUN VALLEY

State:CA

ZIP:91352-4949

Country:US

Phone:818-982-1650

CAGE:13422

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Composition/Information on Ingredients
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Ingred Name:MANGANESE DIOXIDE (AS MANGANESE)

CAS:1313-13-9

RTECS #:OP0350000

OSHA PEL:C,5 MG/M3/1 FUME TWA

ACGIH TLV:5 MG/M3 DUST/1 FUME

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Hazards Identification
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Effects of Overexposure:ACUTE-NONE KNOWN TO FRM: CHRONIC-MANGANESE
POISONING AFFECTING THE CENTRAL NERVOUS SYSTEM.

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First Aid Measures
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First Aid:EYE:IMMEDIATELY FLUSH W/WATER AT LEAST 15 MINUTES. CALL MD.
SKIN:WASH THOROUGHLY W/SOAP & WATER.

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Fire Fighting Measures
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Extinguishing Media:WATER, CO:2, FOAM

Unusual Fire/Explosion Hazard:MODERATE, BY CHEMICAL:A POWERFUL
OXID

IZER. MUST NOT BE HEATED/RUBBED IN CONTACT W/EASILY OXIDZD MTRL

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

Spill Release Procedures:SWEEP INTO DISPOSAL CONTAINER.

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

Handling and Storage Precautions:STORE UNDER NORMAL CONDITIONS AWAY FROM EXTREME HEAT.

Other Precautions:GOOD HOUSEKEEPING PRACTICES SHOULD ALWAYS BE FOLLOWED TO PREVENT DUSTING DURING PROCESSING.

===== Exposure Controls/P
ersonal Protection =====

Respiratory Protection:NIOSH/MSHA APPRVD RESP PROTECTN FOR PARTCLR EXPOSURE OF CONCERN.

Ventilation:LOCAL EXHAUST-YES, UNDER DUSTY CONDITIONS

Protective Gloves:RUBBER GLOVES

Eye Protection:SIDE SHIELD GOGGLES

Supplemental Safety and Health

PART B OA TWO PART PRODUCT. MIX RATIO BY WEIGHT IS 100:10(A:B).KEY1:L1

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

HCC:F4

Boiling Pt:B.P. Text:995F

Spec Gravity:4.2

Solubility in Water:NEGLIGIBL

E

Appearance and Odor:FINE BLACK POWDER-ODORLESS

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

Stability Indicator/Materials to Avoid:YES

DO NOT HEAT OR RUB W/EASILY OXIDIZABLE MATERIAL.

Hazardous Decomposition Products:NO

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE W/LOCAL, STATE, AND FEDERAL REGULATIONS.

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