

FLAMEMASTER CORP. -- CS 3204 -- 8030-00-753-5004

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Product Identification
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Product ID:CS 3204

MSDS Date:05/02/1989

FSC:8030

NIIN:00-753-5004

MSDS Number: BJWBB

=== Responsible Party ===

Company Name:FLAMEMASTER CORP.

Address:11120 SHERMAN WAY

City:SUN VALLEY

State:CA

ZIP:91352

Info Phone Num:(818) 982-1650

Emergency Phone Num:(818) 982-1650

CAGE:13422

=== Contractor Identification ===

Co

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

CAS:1313-13-9

RTECS #:OP0350000

Fraction by Wt: 65%

OSHA PEL:5 MG/CUM

ACGIH TLV:5 MG/CUM (MN)

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

Reports of Carcinogenicity:NTP:N

O IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SKIN/EYE: IRRITATION. INHALATION:
IMPAIRMENT OF CENTRAL NERVOUS SYSTEM, SLUGGISHNESS, SLEEPLESSNESS,
&/OR WEAKNESS IN THE LEGS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:SKIN/EYE: IRRITATION. INHALATION: IMPAIRMENT OF
CENTRAL NERVOUS SYSTEM, SLUGGISHNESS, SLEEPLESSNESS, &/OR WEAKNESS
IN THE LEGS.

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First Aid Measures
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First Aid:EYES: FLUSH W/PLENTY OF WATER FOR
AT LEAST 15 MINS. SKIN:
WASH THOROUGHLY W/SOAP & WATER. INHALATION: OBTAIN MEDICAL
ATTENTION IN ALL CASES.

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Fire Fighting Measures
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Flash Point:NON-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 W/OXIDIZABLE
MATERIALS.

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Accidental Release Measures
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Spill Release Procedures:SCOOP UP. TRANSFER TO SAFETY CONTAINER. WASH
SURFACE W/SOAP & WATER.

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Handling and Storage
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Handling and Storage Precautions:STORE IN A COOL DRY AREA. TRAIN
PERSONNEL IN SAFE HANDLING OF THIS PRODUCT. EXPLOSION HAZARD IF
HEATED W/OXIDIZABLE MATERIALS.

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Exposure Controls/Personal Protection
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Respiratory Protection:NONE NEEDED
Protective Gloves:RUBBER
Eye Protection:SAFETY GL

ASSES

Other Protective Equipment: APPROPRIATE EQUIPMENT

Work Hygienic Practices: WASH HANDS BEFORE EATING OR SMOKING AFTER HANDLING PRODUCT. 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

Spec Gr

avity:2

Evaporation Rate & Reference:(BU AC = 1): NIL

Solubility in Water: NEGLIGIBLE

Appearance and Odor: BLACK PASTE W/OILY ODOR.

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

Stability Indicator/Materials to Avoid: YES

REDUCING AGENTS, COMBUSTIBLES, HYDROGEN DIOXIDE, POTASSIUM AZIDE, & OXIDIZERS

Stability Condition to Avoid: HEAT

Hazardous Decomposition Products: CO2, CO, NITRIC OXIDE, NITROGEN DIOXIDE, & DUST.

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

Waste Disposal Methods: REACT W/BASE COMPONENT & DISPOSE AS SOLID WASTE ACCORDING TO LOCAL, STATE, & FEDERAL REGULATIONS.

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