

PRODUCTS RESEARCH & CHEMICAL CORP. -- PR-1440 C-20 MANGANESE DIOXIDE DISPERSION --
8030-00-427-2661

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

Product ID:PR-1440 C-20 MANGANESE DIOXIDE DISPERSION

MSDS Date:03/04/1988

FSC:8030

NIIN:00-427-2661

Kit Part:Y

MSDS Number: BKHMY

=== Responsible Party ===

Company Name:PRODUCTS RESEARCH & CHEMICAL CORP.

Address:5430 SAN FERNANDO ROAD

Box:1800

City:GLENDALE

State:

CA

ZIP:91209

Info Phone Num:(818) 240-2060

Emergency Phone Num:(818) 240-2060

CAGE:DO563

=== Contractor Identification ===

Company Name:PRC-DESOTO INTERNATIONAL, INC. A PPG INDUSTRIES COMPANY

Address:5430 SAN FERNANDO RD

Box:1800

City:GLENDALE

State:CA

ZIP:91209

Country:US

Phone:818-240-2060

CAGE:83574

Company Name:PRODUCTS RESEARCH & CHEMICAL

Address:NOW DBA COURTAULDS AEROSPACE

Box:1800

City:GLENDALE

State:CA

ZIP:91209

Phone:818-240-2060

CAGE:DO563

===== Composition/Information on In

gredients =====

Ingred Name:MANGANESE DIOXIDE

CAS:1313-13-9

RTECS #:OP0350000

Fraction by Wt: 60%

OSHA PEL:5 MG/CUM

ACGIH TLV:5 MG/CUM (MN)

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SKIN/EYES: IRRITATION. INHALATION:

HARMFUL. INGESTION: MANGANESE POISONING, WEAKNESS, & SLEEPINESS.

Explanation of Carcinogenicity:N

ONE

Effects of Overexposure:SKIN/EYES: IRRITATION. INHALATION: HARMFUL.

INGESTION: MANGANESE POISONING, WEAKNESS, & SLEEPINESS.

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

First Aid:EYES: FLUSH W/WATER FOR 15 MINS. SKIN: WASH W/SOAP & WATER.

INHALATION: REMOVE TO FRESH AIR. INGESTION: OBTAIN MEDICAL

ATTENTION IN ALL CASES.

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

Flash Point:NON-FLAMMABLE

Extinguishing Media:CO2, DRY CHEMICAL,

FOAM, OR WATER

Fire Fighting Procedures:USE WATER TO KEEP FIRE-EXPOSED CONTAINERS

COOL. USE AIR SUPPLIED RESPIRATOR.

Unusual Fire/Explosion Hazard:A HYDROCARBON VEHICLE MAY OXIDIZE &

IGNITE DUE TO EXCESSIVE HEAT.

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

Spill Release Procedures:SCOOP INTO CONTAINERS. CLEAN UP RESIDUE

W/1,1,1-TRICHLOROETHANE.

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

Handling and Storage Precautions:AVOID INGEST

ION.

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

Respiratory Protection:USE AIR SUPPLIED RESPIRATOR.

Ventilation:GENERAL VENTILATION.

Protective Gloves:SOLVENT RESISTANT

Eye Protection:SAFETY GLASSES

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING & BEFORE SMOKING OR EATING.

Supplemental Safety and Health

THE EXPOSURE LIMITS ARE BASED ON THE MEASUREMENT OF AIRBORNE PARTICLES.

IN THIS PRODUCT, THIS MATERIAL IS PRESENT IN A FULLY ENCAPSULATED FORM & THE

BEFORE AIRBORNE PARTICLES WON'T RESULT FROM NORMAL USE.

THIS PRODUCT CONTAINS A TOXIC CHEMICAL/CHEMICALS SUBJECT TO SUPERFUND AMENDMENTS & REAUTHORIZATION ACT OF 1986.

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

Spec Gravity:1.95

Solubility in Water:NEGLIGIBLE

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

Stability Indicator/Materials to Avoid:YES

EASILY OXIDIZABLE MATERIALS

Stability Condition to Avoid:EXCESSIVE HEAT

Hazardous Decompos

ition Products:CO, CO2, NITROGEN OXIDES, MANGANESE COMPOUNDS, & MANGANESE DIOXIDE

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

Waste Disposal Methods:DISPOSE OF AS NON-HAZARDOUS WASTE ACCORDING TO STATE, FEDERAL, LOCAL REGULATIONS.

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