

PRODUCTS RESEARCH & CHEMICAL CORPORATION -- PR-1440, A-2 (ALL CLASSES/TYPES), PART A -- 8030-00-007-8337

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

Product ID:PR-1440, A-2 (ALL CLASSES/TYPES), PART A

MSDS Date:05/07/1986

FSC:8030

NIIN:00-007-8337

MSDS Number: BGVHX

=== Responsible Party ===

Company Name:PRODUCTS RESEARCH & CHEMICAL CORPORATION

Address:5430 SAN FERNANDO ROAD

Box:1800

City:GLENDALE

State:C

A

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 Ing

redients =====

Ingred Name:MANGANESE DIOXIDE

CAS:1313-13-9

RTECS #:OP3500000

OSHA PEL:5 MG/CUM

ACGIH TLV:5 MG/CUM (MN)

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

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

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

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

ALTHOUGH THE MAIN HAZARD OF MANGANESE COMPOUNDS IS BY BREATHING DUST. INGESTION SHOULD BE AVOIDED AS A PRECAUTION A

GAINST MANGANESE

POISONING. SYMPTOMS OF MANGANESE POISONING ARE WEAKNESS & SLEEPINESS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES/SKIN: IRRITATION. INHALATION: ALTHOUGH THE MAIN HAZARD OF MANGANESE COMPOUNDS IS BY BREATHING DUST. SYMPTOMS OF MANGANESE POISONING ARE WEAKNESS & SLEEPINESS.

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

First Aid:EYES: FLUSH WITH LUKE WARM WATER FOR 15 MINS. IF SYMPTOMS PERSIST, CONSULT PHYSICIAN. I

NHALATION: REMOVE TO FRESH AIR. IF

SYMPTOMS ARE PRESENT CONSULT PHYSICIAN. INGESTION: CONSULT PHYSICIAN.

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

Flash Point:NOT FLAMMABLE

Extinguishing Media:CO2, DRY CHEMICAL, FOAM, WATER

Fire Fighting Procedures:USE AIR SUPPLIED RESPIRATOR. USE WATER TO COOL HEAT EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:EXCESSIVE HEAT MAY CAUSE DECOMPOSITION OF MANGANESE DIOXIDE, RESULTING IN OXIDATION & POSSIBLE IGNITION OF HYDROCARBON VEHICLE.

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

Spill Release Procedures:SCOOP INTO CONTAINERS. CLEAN-UP RESIDUE 1,1,1-TRICHLOROETHANE.

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

Handling and Storage Precautions:WASH THOROUGHLY AFTER HANDLING & BEFORE SMOKING OR EATING. AVOID INGESTION.

Other Precautions:THE EXPOSURE LIMITS ARE BASED ON THE MEASUREMENT OF AIRBORNE PARTICLES. IN THIS PRODUCT, THIS MATERIAL IS

PRESENT IN A

FULLY ENCAPSULATED FORM AND THEREFORE AIRBORNE PARTICLES WILL NOT RESULT FROM NORMAL USE.

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

Ventilation:GENERAL VENTILATION

Protective Gloves:RESISTANT

Eye Protection:SAFETY GLASSES

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

Supplemental Safety and Health

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

Spec Gravity:1.95

Solubility in Water:

NEGLIGIBLE

Percent Volatiles by Volume:NONE

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

Stability Indicator/Materials to Avoid:YES

EASILY OXIDIZABLE MATERIALS

Hazardous Decomposition Products:OXIDES OF CARBON & NITROGEN, MANGANESE COMPOUNDS.

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

Waste Disposal Methods:NOT A HAZARDOUS WASTE ACCORDING TO EPA REGULATIONS. CONSULT STATE REGULATIONS PRIOR TO DISPOSAL OF SPILLAGE.

Disclaimer (prov

ided 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.