

PRODUCTS RESEARCH AND CHEMICALS CORPORATION -- PR-1750 CLASS A-4,PART A --
8030-01-218-4358

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

Product ID:PR-1750 CLASS A-4,PART A

MSDS Date:12/09/1985

FSC:8030

NIIN:01-218-4358

Kit Part:Y

MSDS Number: BGQTV

=== Responsible Party ===

Company Name:PRODUCTS RESEARCH AND CHEMICALS CORPORATION

Address:5430 SAN FERNANDO RD

Box:1800

City:GLENDALE

State:CA

ZIP:91209

Count

ry:US

Emergency Phone Num:(818)240-2060

Preparer's Name:D.J.

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 Ingredients =====

=====

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

Ingred Name:CARBON BLACK
CAS:1333-86-4
RTECS #:FF5800000
OSHA PEL:3.5 MG/M3
ACGIH TLV:3.5 MG/M3; 9192

Ingred Name:TALC (CONTAINING NO ASBESTOS)
CAS:14807-96-6
RTECS #:WW2710000
OSHA PEL:2 MG/M3 RDUST
ACGIH TLV:2 MG/M3 RDUST; 9192

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

Routes of Entry: Inhalation:UNKNOWN Skin:UNKNOWN
Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES/SKIN:IRRITATION;INHALATION:NOT
SPECIFIED BY MANUFACTURER,BUT POSSIBLY LIGHT
HEAD,NAUSEA,HEADACHE,CHEMICAL PNEUMONIA,GIDDINESS,NOSE
IRRITATION;INGESTION:WEAKNESS & SLEEPINESS DUE TO MANGANESE POIS
ONING.
Explanation of Carcinogenicity:CARBON BLACK DEFINED AS CARCINOGEN BY
NIOSH WITH NO FURTHER CATEGORIZATION.
Effects of Overexposure:SEE HEALTH HAZARDS.
Medical Cond Aggravat
ed by Exposure:ANY MEDICAL CONDITION AFFECTING
SAME ORGANS AS THOSE AFFECTED BY OVEREXPOSURE.

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

First Aid:EYES:FLUSH WITH LUKE WARM WATER FOR 15 MINUTES.IF SYMPTOMS
PERSIST,SEE DOCTOR;SKIN:WASH WITH SOAP AND WATER.IF SYMPTOMS
PERSIST,SEE DOCTOR;INHALATION:REMOVE TO FRESH AIR.IF SYMPTOMS
PERSIST,SEE DOCTOR ;INGESTION:SEE DOCTOR.

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

Flash Point:NO

T FLAMMABLE

Extinguishing Media:CO*2,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 WITH 1,1,1-TRICHLOROETHANE.

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

Handling and Storage Precautions:SEE WORK HYGIENIC PRACTICES.
Other Precautions:AVOID INGESTION.

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

Respiratory Protection:NONE SPECIFIED. NIOSH APPROVED RESPIRATOR IF TLV IS EXCEEDED.

Ventilation:GENERAL (MECHANICAL) VENTILATION.

Protective Gloves:SOLVENT RESISTANT GLOVES

Eye Protection:GOGGLES

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE

SMOKING OR EATING.

Supplemental Safety and Health

USED F60X HAZARD CLASS FOR PRODUCTS WITH FLASH POINTS OVER 200F.

MANUFACTURER STATES PRODUCT IS NOT FLAMMABLE,HOWEVER,MANUFACTURER STATES EXCESSIVE HEAT MAY CAUSE IGNITION OF HYDROCARBON VEHICLE.KEY1: N1.

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

HCC:F2

Spec Gravity:1.95

Solubility in Water:NEGLIGIBLE

Appearance and Odor:NOT SPECIFIED

Percent Volatiles by Volume:NONE

===== Stability and Reac

tivity Data =====

Stability Indicator/Materials to Avoid: YES

OXIDIZING AGENTS--PRODUCT CONTAINS EASILY OXIDIZABLE MATERIALS.

Stability Condition to Avoid: HEAT, SPARKS, OPEN FLAMES

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

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

Waste Disposal Methods: NOT A HAZARDOUS WASTE ACCORDING TO EPA
REGULATIONS. DISPOSE OF IAW FEDERAL, STATE & LOCAL REGULATIONS.

Disclaimer (provide

d 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.