

PRODUCTS RESEARCH & CHEMICAL CORPORATION -- PR-1440 B-2, ACCELERATOR --  
8030-00-753-5006

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

Product ID:PR-1440 B-2, ACCELERATOR

MSDS Date:10/21/1993

FSC:8030

NIIN:00-753-5006

MSDS Number: BVNDC

=== Responsible Party ===

Company Name:PRODUCTS RESEARCH & CHEMICAL CORPORATION

Address:5430 SAN FERNANDO ROAD

Box:1800

City:GLENDALE

State:CA

ZIP:91209

Country:US

Info Phone

Num:818-240-2060

Emergency Phone Num:800-424-9300 CHEMTREC/800-228-5635

Preparer's Name:SEROJE HARTOONIANI

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:HYDROGENATED TERPHENYLS (VAPOR PRESSURE 1 MM HG)  
CAS:61788-32-7  
RTECS #:WZ6535000  
Fraction by Wt: 31.477%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.5 PPM  
ACGIH TLV:0.5 PPM

Ingred Name:CARBON BLACK (LISTED AS REQ'D BY 29CFR1910:1200, FULL  
ENCAPSULATED--NON HAZARDOUS UNDER NORMAL CONDITIONS)  
CAS:1333-86-4  
RTECS #:FF5800000  
Fraction by Wt: 5.673%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:3.5 MG/M3  
ACGIH TLV:3.5 MG/M3

Ingr  
ed Name:MANGANESE DIOXIDE (SARA III)  
CAS:1313-13-9  
RTECS #:OP0350000  
Fraction by Wt: 56.308%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 CEILING  
ACGIH TLV:5 AS MN MG/M3

Ingred Name:DIPHENYL GUANIDINE (GUANIDINE,N,N',DIPHENYL)  
CAS:102-06-7  
RTECS #:MF0875000  
Fraction by Wt: 3.940%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:VOC PER EPA METHOD 24: 35 G/L (COMBINED PART A & B)  
RTECS #:9999999VO  
Other REC Limits:NONE RECOMMENDED

=====  
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:EYE:SEVERELY IRRITATING.  
SKIN:IRRITATION, IRRITATION ON MOIST SKIN. TOXIC BY ABSORPTION. MAY  
BE SENSITIZER. INHALATION:DIZZINESS, DROWSINESS, FATIGUE. MANGANESE  
PNEUMONITIS, MANGANESE POISONING. IRRITATION, MAY BE ABSORBED THRU  
LUNGS. INGESTION:APATHY, INSOMNIA, WEAKNESS IN LEGS, MUSCULAR  
TWITCHING, EMOTIONAL DISTRESS.

===

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

First Aid:EYES: FLUSH WITH LUKEWARM WATER FOR 15 MINUTES. IF SYMPTOMS PERSIST, CONSULT PHYSICIAN. SKIN: WASH WITH SOAP AND WATER. IF SYMPTOMS PERSIST, CONSULT A PHYSICIAN. INHALATION: REMOVE TO FRESH AIR. IF SYMPTOMS ARE PRESENT CONSULT A PHYSICIAN.INGESTION: CONSULT A PHYSICIAN.

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

Flash Point Method:TCC

Flash Point:315F,157C

Extinguishing Media

:CARBON DIOXIDE, 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 AND POSSIBLE IGNITION OF HYDROCARBON VEHICLE.

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

Spill Release Procedures:SCOOP INTO CONTAINERS. CLEAN-UP RESIDUE WITH A SUITABLE SOLVENT.

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

Handling and Storage

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

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

Respiratory Protection:NOT REQUIRED.

Ventilation:GENERAL VENTILATION

Protective Gloves:SOLVENT RESISTANT GLOVES

Eye Protection:SAFETY GLASSES

Other Protective Equipment:NONE KNOWN

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

## Supplemental Safety and Health

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

HCC:N1

Boiling Pt:B.P. Text:644F,340C

Vapor Density:NON VOLATL

Spec Gravity:1.97

Viscosity:1220P#6@10RPM

Evaporation Rate & Reference:NON VOLATILE

Solubility in Water:SLIGHT

Appearance and Odor:BLACK PASTE

Percent Volatiles by Volume:0.0

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

Stability Indicator/Materials to Avoid:YES

EASILY OXIDIZABLE MATERIALS

Stability Condi

tion to Avoid:NOT KNOWN

Hazardous Decomposition Products:OXIDES OF CARBON AND 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 (provided 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.