

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

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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

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Hazards Identification
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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.

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First Aid Measures
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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.

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Fire Fighting Measures
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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.

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

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Handling and Storage
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Handling and Storage

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

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Exposure Controls/Personal Protection
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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.

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