

COURTAULDS AEROSPACE, INC -- PR-1440 A-2, ACCELERATOR -- 8030-00-889-3531  
===== Product Identification =====

Product ID:PR-1440 A-2, ACCELERATOR

MSDS Date:10/21/1993

FSC:8030

NIIN:00-889-3531

Kit Part:Y

MSDS Number: BVNFL

=== Responsible Party ===

Company Name:COURTAULDS AEROSPACE, INC

Address:5430 SAN FERNANDO ROAD

Box:1800

City:GLENDALE

State:CA

ZIP:91209

Country:US

Info Phone Num:818-240-2060

/ 818-549-7825

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

Preparer's Name:SEROJE HARTOONIANI

CAGE:83574

=== 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

===== Composition/Information on Ingredients =====

Ingred Name:HYDROGENATED TERPHENYLS (VAPOR PRESSURE 1 MM HG)

CAS:61788-32-7

RTECS #:WZ6535000

Frac

tion 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 29CFR 1910:1200, FULLY  
ENCAPSULATED, NOT HAZARDOUS UNDER NORMAL CIRCUMSTANCES)  
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

Ingred 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 CEILI  
NG  
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: 264 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 C  
hronic:EYE: SEVERE IRRITATION. SKIN:  
IRRITATION. IRRIT ON MOIST SKIN. TOXIC BY ABSORPTION. MAY BE  
SENSITIZER. INHALATION: DIZZINESS, DROWSINESS, FATIGUE, MANGANESE  
PNEUMONITIS, MANGANESE POISONING. ABSORBED THRU LUNGS. INGESTION:  
TOXIC ON CONSUMPTION. 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.

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===== 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.

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

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

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

Handling and Storage Precautions:WASH THOROUGHLY AFTER HANDLING AND BEFORE SMOKING OR EATING. AVOID INGESTION.  
Other Precautions:NONE KNOWN

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===== 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  
KEY1:N1.

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

Boiling

Pt:B.P. Text:644F,340C  
Decomp Temp:Decomp Text:NO  
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 Condition 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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