

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

Fract

ion 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 CEILIN  
G  
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 Ch

ronic: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.

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

=====  
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.

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

Boiling P

t: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.

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 acc  
urate 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.