

SEMCO DIV COURTAULDS AEROSPACE (FORMERLY PRODUCT -- PR1750 A 1/2 1750A45 --
8030-00-312-6128

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

Product ID:PR1750 A 1/2 1750A45

MSDS Date:09/30/1996

FSC:8030

NIIN:00-312-6128

Status Code:A

MSDS Number: CKLVX

=== Responsible Party ===

Company Name:SEMCO DIV COURTAULDS AEROSPACE (FORMERLY PRODUCT

Address:5454 SAN FERNANDO RD (RESEARCH&CHEMICAL)

City:GLENDALE

State:CA

ZIP:91203-1521

Country:US

Info Phone Num:818-240-2060

Emergency Phone Num:800-228-5635

Chemtrec Ind/Phone:(800)424-9300

CAGE:92108

=== Contractor Identification ===

Company Name:PRC-DESOTO INTL INC

Address:5454 SAN FERNANDO RD

Box:1800

City:GLENDALE

State:CA

ZIP:91203

Country:US

Phone:818-240-2060/800-228-5635

CAGE:92108

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

Ingred Name:HYDROGENATED TERPHENYL

CAS:61788-32-7

RTECS #:WZ6535000

= Wt:30.

OSHA PEL:0.5 PPM

ACGIH TLV:0

.5 PPM

Ingred Name:CARBON BLACK

CAS:1333-86-4

RTECS #:FF5800000

= Wt:10.

OSHA PEL:3.5 MG/M3

ACGIH TLV:3.5 MG/M3

Ingred Name:MANGANESE DIOXIDE

CAS:1313-13-9

RTECS #:OP0350000

= Wt:55.

Other REC Limits:5 CEILING MG/M3

ACGIH TLV:5 AS MN MG/M3

Ingred Name:DIPHENYL GUANIDINE GUANIDINE, N,N, DIPHENYL

CAS:102-06-7

RTECS #:MF0875000

< Wt:5.

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

Reports of Carcinogenicity:NTP:UNKNOWN IARC:YES

Health Hazards Acute and Chronic:EYE:1

)IRRITATING,3)HIGH CONCENTRATION

OF DUST MAY CAUSE IRRITATION.4) SEVERELY

IRRITATING.SKIN:1)PROLONGED SOAKING OF SKIN IN HYDROGENATED

TERPHENYL MAY PRODUCE DERMAL IRRITATION.3)MAY CAUSE IRRITATIO N ON

MOIST SKIN.4)TOXIC BY SKIN ABSORPTION.MAY BE

SENSITIZER.INHALATION:1)MAY CAUSE

DIZZINESS,DROWSINESS,&FATIGUE.DUE-VERY LOW VOLATILITY INHALATION

EXPOUSURE IS UNLIKELY UNDER NORMAL CONDITION.3)DUST MAY PRODUCE

MANGANESE PNEUMONITIS.OVEREXPOSURE-MANGANESE DIOXIDE MAY P

RODUCE

MANGANESE POISONING WHICH IS UNLIKELY IN NORMAL WORKPLACE

SETTING.4)AIRBORNE MATERIAL MAY PRODUCE IRRITATION,&MAY BE ABSOR

BED THROUGH LUNGS.

Explanation of Carcinogenicity:CARBON BLACK CONTAINS SMALL AMOUNTS OF

TIGHTLY ADSORBED POLYAROMATIC HYDROCARBONS, WHICH HAVE BEEN

CLASSIFIED BY IARC AS CARCINOGENIC. THE POLYAROMATIC HYDROCARBONS

ARE NOT NORMALLY AN EXPOSURE RISK WHEN HANDLING CARBON BLACK

CONTAINING PRODUCTS. HOWEVER, THEY MAY BE EXTRACTED BY AROMATIC

SOLVENTS. ***

Effects of Overexposure: INGESTION: 1)PRACTICALLY NON-TOXIC. 3) CAN BE ABSORBED THROUGH DIGESTIVE SYSTEM AND RESULT IN APATHY, INSOMNIA, WEAKNESS IN LEGS, MUSCULAR TWITCHING, EMOTIONAL DISTRESS. 4) TOXIC ON ORAL CONSUMPTIO N. BASED ON INCONCLUSIVE STUDIES, REPRODUCTIVE EFFECTS HAVE BEEN REPORTED.

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

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

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

Flash Point:=157.2C, 315.F
315F

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:EXCESS IVE 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.

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===== Ex

posure Controls/Personal Protection =====

Respiratory Protection:NOT REQUIRED

Ventilation:GENERAL VENTILATION.

Protective Gloves:SOLVENT RESISTANT GLOVES.

Eye Protection:SAFETY GLASSES.

Supplemental Safety and Health

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

Boiling Pt.=340.C, 644.F

B.P. Text:644F

Vapor Density:NV

Spec Gravity:1.97

Evaporation Rate & Reference:NON VOLATILE

Appearance and Odor:BLACK PASTE

Percent Volatiles by Volume:0.0%

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== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

EASILY OXIDIZABLE MATERIALS.

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.

===== Regulatory Information =====

SARA

Title III Information:THESE ITEMS ARE SUBJECT TO THE REPORTING
REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND
AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372. 1)
MANGANESE DIOXIDE

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