

COURTAULDS AEROSPACE INC -- MANGANESE DIOXIDE DISPERSION PRO-SEAL B-1/2 0870B9 --  
8030-01-184-0329

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

Product ID:MANGANESE DIOXIDE DISPERSION PRO-SEAL B-1/2 0870B9

MSDS Date:10/21/1993

FSC:8030

NIIN:01-184-0329

Status Code:A

MSDS Number: CLLSH

=== Responsible Party ===

Company Name:COURTAULDS AEROSPACE INC

Address:5430 SAN FERNANDO RD

Box:1800

City:GLENDALE

State:CA

ZIP:91209

Country:US

Info Phone Num:818-240-2060

Emergency Phone Num:800-228-5635

Preparer's Name:ERNEST CARTER

Chemtrec Ind/Phone:(800)424-9300

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 TERPHENYL

CAS:061788-32-7

= Wt:3

0.  
OSHA PEL:0.5 PPM  
ACGIH TLV:0.5 PPM

Ingred Name:DIPHENYL GUANIDINE GUANIDINE, N, N, DIPHENYL  
CAS:000102-06-7  
< Wt:5.

Ingred Name:MANGANESE DIOXIDE  
CAS:001313-13-9  
= Wt:50.  
OSHA PEL:5 CEILING MG/M3  
ACGIH TLV:5 AS MN MG/M3

Ingred Name:MAGNESIUM CHROMATE  
CAS:013423-61-5  
= Wt:10.

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

Effects of Overexposure:EYES: SEVERELY IRRITATING. SKIN: TOXIC BY SKIN  
ABSORPTION. INHALATION: MAY BE A SENSITIZATIZER. AIRBORNE MATERIAL  
MAY PRODUCE IRRITATION, AND MAY BE ABSORBED THROUGH THE THE LUNGS.  
INGESTION: TOXIC ON ORAL CONSUMPTION. BASED ON INCONCLUSIVE  
STUDIES, REPRODUCTIVE EFFECTS HAVE BEEN REPORTED.

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

First Aid:EYES: FLUSH WITH LUKE WARM WATER FOR 15 MINUTES. SKIN: WASH  
WITH SOAP AND WATER. INHALATION: REMOVE TO RFESH AIR. INGESTION:  
CONSULT A PHYSICIAN.

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

Flash Point Method:CALC  
Flash Point:=93.3C, 200.F  
Autoignition Temp:Autoignition Temp Text:NONE  
Lower Limits:NONE  
Upper Limits:NONE  
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 Rele

ase 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.

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

Respiratory Protection:NONE  
Ventilation:GENERAL VENTILATION.  
Protective Gloves:SOLVENT GLOVES.  
Eye Protection:SAFETY GLASSES.  
Suppleme  
ntal Safety and Health

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

Boiling Pt:B.P. Text:NONE  
Melt/Freeze Pt:M.P/F.P Text:NONE  
Decomp Temp:Decomp Text:NONE  
Spec Gravity:1.93  
Viscosity:1500 #7 @ 10 RPM  
Appearance and Odor:BLACK PASTE

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

Stability Indicator/Materials to Avoid:YES  
EASILY OXIDIZING MATERIALS.  
Stability Condition to Avoid:NONE  
Hazardous Decomposition Products:OXIDES OF CARBON AND NITROGEN.

MANGANESE AND CHROMIUM COMPOUNDS.  
Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN COMPLIANCE WITH FEDERAL AND STATE  
REGULATIONS.

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