

===== 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 Phon

e 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:30.

OSHA PEL:0.5 PPM

ACGIH TLV:0.5 PPM

Ingred Name:DIPHENYL GUAN

IDINE 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.

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===== 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.

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===== 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.

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

Flash Point Method:CALC

Flash Point:=93.3C, 200.F

Autoignition T

emp: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.

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

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Exposure Controls/Personal Protection
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Respiratory Protection:NONE
Ventilation:GENERAL VENTILATION.
Protective Gloves:SOLVENT GLOVES.
Eye Protection:SAFETY GLASSES.
Supplemental Safety and Health

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Physical/Chemical Pr
operties
=====

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

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Stability and Reactivity Data
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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 Polymer
ization:WILL NOT OCCUR.

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

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