

COURTAULDS AEROSPACE FORMERLY PRODUCTS RESEARCH & CHEM -- PR-1764 CLASS B, PART A --  
8030-01-312-2657

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

Product ID:PR-1764 CLASS B, PART A

MSDS Date:07/19/1992

FSC:8030

NIIN:01-312-2657

Kit Part:Y

MSDS Number: BWFDL

=== Responsible Party ===

Company Name:COURTAULDS AEROSPACE FORMERLY PRODUCTS RESEARCH & CHEM

Address:5430 SAN FERNANDO ROAD

Box:1800

City:GLENDALE

State:CA

Z

IP:91209

Country:US

Info Phone Num:818-240-2060

Emergency Phone Num:818-240-2060

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:MAGNESIUM CHROMATE

Fraction by Wt: 20% %

Other REC Limits:NONE RECOMMENDED

Ingred Name:MANGANESE DIOXIDE

CAS:

1313-13-9

RTECS #:OP0350000

Fraction by Wt: 30% %

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG MN/M3 CEILING

ACGIH TLV:5 MG MN/M3

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 5% %

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM/150STEL;9394

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:1,3 DIPHENYL GUANIDINE,

CAS:102-06-7

RTECS #:MF0875000

Fraction by Wt: < 5%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:STRONG EYE IRRITANT. MAY CAUSE EYE

DAMAGE. MAY CAUSE SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN RASH IN

SENSITIZED INDIVIDUALS. PROLONGED EXPOSURE TO HEXAVALENT CHROMIUM

COMPOUNDS OVER THE PEL MAY CAUSE PAINLESS PENETRAING ULCERS OF THE

SKIN, THE MUCOUS MEMBRANES OF THE NOSE AND PERFORATION OF THE NASAL SEPTUM.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:EYE IRRITATION, EYE DAMAGE, SKIN IRRITATION, ALLERGIC SKIN RASH, PENETRAING ULCERS OF THE SKIN AND/OR MUCOUS MEMBRANES OF THE NOSE, PERFORATION OF THE NASAL SEPTUM, WEAKNESS, SLEPINESS.

Medical Cond Aggravated by Exposure:NON

E SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. IN HALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: GET MEDICAL ATTENTION.

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

Flash Point Method:SCC

Flash Point:140F,60C

Lower Limits:1.1 %

Upper Limits:7 % TOLUENE

Extinguishing Media:FOAMG, DRY CHEMICAL, CARBON DIOXIDE, WATER

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:EXCESSIVE HEAT MAY CAUSE DECOMPOSITION OF MANGANESE DIOXIDE, RESULTING IN OXIDATION AND POSSIBLE IGNITION OF HYD

ROCARBON VEHICLE.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. EVACUATE AREA. WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT. CLEAN UP RESIDUE WITH 1,1,1-TRICHLOROETHANE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH

TEMPERATURES.

Other Precautions:AVOID SKIN CONTACT. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

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

Respiratory Protection:NOT NORMALLY REQUIRED.

Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION TO MAINTAIN EXPOSURE LEVELS.

Protective Gloves:SOLVENT RESISTANT

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO AVOID SKIN CONTACT. AN EMERGENCY EYE W

ASH STATION AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

HCC:F4

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:1.62

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:N

EGLIGIBLE

Appearance and Odor:MAGNESIUM DIOXIDE DISPERSION

Percent Volatiles by Volume:12 %

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

Stability Indicator/Materials to Avoid:YES

EASILY OXIDIZABLE MATERIALS.

Stability Condition to Avoid:HEAT, OPEN FLAME

Hazardous Decomposition Products:OXIDES OF CARBON AND NITROGEN,  
MANGANESE COMPOUNDS

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING

ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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