

COURTAULDS AEROSPACE INC (FORMERLY PRODUCTS RESEA- -- PR-1422 B-1/2 PART A  
(ACCELERATOR) -- 8030-01-154-9252

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

Product ID:PR-1422 B-1/2 PART A (ACCELERATOR)

MSDS Date:10/21/1993

FSC:8030

NIIN:01-154-9252

Kit Part:Y

MSDS Number: BWGLQ

=== Responsible Party ===

Company Name:COURTAULDS AEROSPACE INC (FORMERLY PRODUCTS RESEA-

Address:5430 SAN FERNANDO ROAD (RCH & CHEM  
ICAL)

Box:1800

City:GLENDALE

State:CA

ZIP:91209

Country:US

Info Phone Num:818-549-7586

Emergency Phone Num:818-549-7586

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:DIMETHYL ACETAMIDE

CAS:127-19-5

RTECS #:AB7700000

Fraction by Wt: 15%

O

ther REC Limits:NONE SPECIFIED  
OSHA PEL:S, 10 PPM  
ACGIH TLV:S, 10 PPM; 9394

Ingred Name:CALCIUM DICHROMATE  
CAS:14307-33-6  
RTECS #:HX7630000  
Fraction by Wt: 15%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:0.5 MG CR/M3  
ACGIH TLV:0.05 MG CR/M3

Ingred Name:MAGNESIUM DICHROMATE  
CAS:13423-61-5  
Fraction by Wt: 15%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:0.5 MG/M3  
ACGIH TLV:0.05 MG/M3 TWA

Ingred Name:SILICON DIOXIDE (AMORPHOUS) (CALLED NON-HAZARDOUS ON MSDS.)  
CAS:67762-90-7  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:6 MG/M3  
ACGIH TLV:10 MG/M3

Ingred Name:WATER (CALLED NON-HAZARDOUS ON MSDS.)  
CAS:7732-18-5  
RTECS #:ZC0110000  
Other REC Limits:NONE SPECIFIED

Ingred Name:ALUMINUM SILICATE (CALLED NON-HAZARDOUS ON MSDS.)  
CAS:1335-30-4  
Other REC Limits:NONE RECOMMENDED

Ingred Name:MAGNESIUM ALUMINUM SILICATE (CALLED NON-HAZARDOUS ON MSDS.)  
CAS:8031-18-3  
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES

Ingestion: YES

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

Health Hazards Acute and Chronic: EYE: MAY CAUSE BURNING, TEARING, REDDENING, POSSIBLE TRANSIENT CORNEAL INJURY. SKIN: HARMFUL IF ABSORBED THROUGH SKIN. MAY CAUSE PENETRATING ULCERES OF THE SKIN. INHALED: MAY CAUSE LIVER OR KIDNEY DAMAGE. MAY CAUSE PENETRATING ULCERS OF THE MUCOUS MEMBRANES AND PERFORATION OF THE NASAL SEPTUM.

Explanation of Carcinogenicity: NTP & IARC LIST CHROMIUM & SOME CHROMIUM COMPOUNDS

AS CARCINOGENS. SEE INDIVIDUAL REPORTS FOR DETAILS. SEE SUPP DATA.

Effects of Overexposure: EYE: BURNING, TEARING, REDDENING, POSSIBLE TRANSIENT CORNEAL INJURY. SKIN: PENETRATING ULCERES OF THE SKIN. INHALED: LIVER OR KIDNEY DAMAGE, PENETRATING ULCERS OF THE MUCOUS MEMBRANES AND PERFORATION OF THE NASAL SEPTUM.

Medical Cond Aggravated by Exposure: MFR GAVE NO INFORMATION ON MSDS.

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

First Aid: EYE: FLUSH WITH LUKEWARM WATER FOR 15 MINUTES, 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: PMCC

Flash Point: 145F, 63C

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG.

Fire Fighting Procedures: USE COMPLETE PERSONAL PROTECTION.

Unusual Fire/Explosion

Hazard: NONE KNOWN.

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

Spill Release Procedures: DIKE & COVER SPILL WITH A NON-OXIDIZABLE ABSORBENT. SCOOP INTO CONTAINER. SPRINKLE SODIUM THIOSULFATE ON RESIDUE. WORK INTO RESIDUE. SCOOP INTO DISPOSAL CONTAINER. CLEAN AREA WITH WATER.

Neutralizing Agent: SODIUM THIOSULFATE

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

Handling and Storage Precautions: WASH THOROUGHLY AFTER HANDLING AND BEFORE

SMOKING OR EATING. AVOID INGESTION. DUE TO TOXICITY BY SKIN  
ABSORPTION, AVOID ALL SKIN CONTACT.

Other Precautions:NONE

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

Respiratory Protection:WHEN SPRAYING OR APPLYING IN ANY CIRCUMSTANCES  
LIKELY TO PRODUCE AIRBORNE LEVEL OF HAARDOUS INGREDIENTS IN EXCESS  
OF TLV, USE AN ORGANIC VAPOR CARTRIDGE OR AIR-SUPPLIED RESPIRATOR.

Ventilation:GENERAL VENTILATION TO MAINTAIN VAPOR BELOW TLV.

Protective Gloves:NITRILE, BUTYL  
OR NATURAL RUBBER GLOVES.

Eye Protection:CHEM GOGGLES + FULL FACE SHIELD 4 SPLASH

Other Protective Equipment:GLOVES NOT ADEQUATE FOR IMMERSION. PROTECT  
SKIN (SPLASH) W/NITRILE BUTYL, NAT'L RUBBER, POLYETHYLENE APRON OR  
COVERALLS.

Work Hygienic Practices:MFR: ? HMIS:USE STRICT CHEMICAL HYGIENE  
PRACTICE. AVOID UNNECESSARY EXPOSURE. WASH THOROUGHLY BEFORE EATING  
OR DRINKING.

Supplemental Safety and Health

THE CHROMIUM COMPOUNDS LISTED ARE NOT LISTED DIRECTLY BY NTP & IARC,  
BUT S

INCE DICHROMATES ARE NORMALLY HEXAVALENT CHROME COMPOUNDS,  
HMIS LISTS "YES" FOR THOSE 2. CALIFORNIA REQUIRES LISTING OF THE H  
EXAVALENT CHROMIUM.

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

HCC:V4

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:212F,100C

Vapor Density:> 1

Spec Gravity:1.4

Appearance and Odor:BLACK PASTE.

Percent Volatiles by Volume:61.6

===== 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;  
CHROMIUM COMPOUNDS.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:EPA WASTE NO. D-007. DISPOSE OF IN COMPLIANCE  
WITH FEDERAL AND STATE REGULATIONS.

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 accurate 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.