

PRODUCTS RESEARCH (REPLACED BY CAGE 83574) -- PR-1422 B-1,-2, PART A FOR P/N RK0338 --
1560-01-061-8530

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

Product ID:PR-1422 B-1,-2, PART A FOR P/N RK0338

MSDS Date:08/30/1989

FSC:1560

NIIN:01-061-8530

Kit Part:Y

MSDS Number: BRQGC

=== Responsible Party ===

Company Name:PRODUCTS RESEARCH (REPLACED BY CAGE 83574)

Address:5430 SAN FERNANDO RD

Box:1800

City:GLENDALE

S

tate:CA

ZIP:91209

Country:US

Emergency Phone Num:316-265-9358

Preparer's Name:JCS

CAGE:9A232

=== Contractor Identification ===

Company Name:ARROWHEAD INDUSTRIES (817-244-3032)

CAGE:6Z898

Company Name:NORTHROP GRUMMAN CORP MILITARY AIRCRAFT DIVISION

Address:1 HORNET WAY

Box:City:EL SEGUNDO

State:CA

ZIP:90245-2804

Country:US

Phone:310-331-6653

CAGE:76823

Company Name:PRODUCTS RESEARCH & CHEMICAL CORPORATION

Address:5430 SAN FERNANDO RD

Box:1800

City:GLENDALE

State:CA

ZIP:91209

Country:US

CAGE:9A23

2
Company Name:SONFARREL INC
Box:UNKNOW
CAGE:09036
Company Name:WINDING SPECIALISTS CO INC
Address:1225 WELLINGTON PL
Box:City:WICHITA
State:KS
ZIP:67203-3898
Country:US
Phone:316-265-9358
CAGE:30150

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

Ingred Name:DIMETHYL ACETAMIDE
CAS:127-19-5
RTECS #:AB7700000
Fraction by Wt: 35%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:S, 10 PPM
ACGIH TLV:S, 10 PPM; 9293

Ingred Name:CALCIUM DICHROMATE
CAS:14307-33-6
RTECS #:HX7630000
Fra
ction by Wt: 15%
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:ACUTE: INHALATION MAY CAUSE
RESPIRATORY IRRITATION, POSSIBLE LIVER DAMAGE. CONTACT WITH SKIN
AND EYES MAY CAUSE IRRITATION. TOXIC IF ABSORBED THROUGH THE SKIN;
MAY CAUSE FETAL ABNORMALITIES. INGESTION MAY CAUSE GI TRAC

T
IRRITATION; POSSIBLE LIVER AND KIDNEY DAMAGE. CHRONIC: SEE
SUPPLEMENTAL INSTRUCTIONS.
Explanation of Carcinogenicity:CHROMIUM IS LISTED AS A KNOWN CARCINOGEN
BY NTP AND IARC.

Effects of Overexposure:INHALED: COUGHING, SHORTNESS OF BREATH,
WHEEZING, NAUSEA, HEADACHE, WEAKNESS, ULCERS IN NOSE. EYES:
REDNESS, TEARING, BLURRED VISION. SKIN: REDNESS, ITCHING,
DISCOMFORT, ULCERS. INGESTED: NAUSEA, VOMI TING, DIARHEA.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFA

CTURER.

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

First Aid:INHALED: REMOVE TO FRESH AIR. IF SYMPTOMS PRESENT, CONSULT DOCTOR. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES, HOLD LIDS OPEN. SEE DOCTOR. SKIN: REMOVE CONTAMINATED CLOTHES. WASH WITH SOAP AND WATE R. SEE DOCTOR IF SYMPTOMS PERSIST. INGESTED: GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NONFLAMMABLE

Extinguishing Media:

CARBON DIOXIDE, DRY CHEMICAL, FOAM, OR WATER FOG.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:NONE KNOWN.

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

Spill Release Procedures:WEAR PROPER PROTECTIVE CLOTHING/EQUIPMENT. DIKE AND COVER SPILL WITH NON-OXIDIZABLE ABSORBANT. SCOOP INTO CONTAINER FOR LATER DISPOSAL. SPRINKLE MATERIAL IN CONTAINER WITH SODIUM THIOSULFATE, MIX. CLE AN AR
EA WITH WATER.

Neutralizing Agent:SODIUM THIOSULFATE TO REDUCE CHROMIUM TO TRI-VALENT FORM.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE AWAY FROM OXIDIZABLE MATERIALS.

Other Precautions:AVOID INGESTION. DUE TO TOXICITY BY SKIN ABSORPTION, AVOID ALL SKIN CONTACT; WEAR PROPER PROTECTIVE CLOTHING.

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

Respiratory Protection:NONE SPECIFIE
D BY MANUFACTURER. IF ENGINEERING
CONTROLS FAIL OR NON-ROUTINE USE OR EMERGENCY OCCURS; USE
NIOSH/MSHA APPROVED RESPIRATOR. USE IN ACCORDANCE WITH 29 CFR
19101.134.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION TO MAINTAIN EXPOSURE
BELOW PEL.

Protective Gloves:NITRILE, BUTYL, NATURAL RUBBER

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. SKIN AREAS
SUJECT TO SPLASHING; PROTECT WITH NITRILE, BUTYL, OR RUBBER

CLOTHING.

Work Hygienic Practices:WASH HANDS THOROUGHLY AFTER HANDLING OR BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

CHRONIC HEALTH: PROLONGED OR REPEATED EXPOSURE MAY CAUSE SKIN ULCERS, LIVER AND KIDNEY DAMAGE, CANCER. KEY1=D2. KIT IS CANOPY REPAIR KIT FOR F5E. MSDS FOR COURTAULD MADE COMPONENT(ALSO HAS A PART B). KIT IS ASSEMBLED BY AROWHEAD AND DITRIBUTED BY NORTHRUP. OTHER COMPONENTS ARE UNDER TH IS NSS; CAGES-5W425 & 71984.

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

HCC:N1

Spec Gravity:1.32 (WATER=1)

Solubility in Water:COMPLETE

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

Percent Volatiles by Volume:70

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

Stability Indicator/Materials to Avoid:YES

EASILY OXIDIZABLE MATERIALS.

Stability Condition to Avoid:CONTACT WITH EASILY OXIDIZABLE MATERIALS.

Hazardous Decomposition Products:OXIDES

OF CARBON AND NITROGEN;

CHROMIUM COMPOUNDS.

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

Waste Disposal Methods:MATERIAL SHOULD BE DISPOSED OF AS EPA WASTE # D-007. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT ALLOW RUNOFF OR SPILLED MATERIAL INTO SEWERS OR WATERWAYS.

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.