

CROWN METRO AEROSPACE COATINGS, INC. -- 2-1C-2 URAFILM FLEX CLEAR, BASE, PINT --
8030-00-498-5268

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

Product ID:2-1C-2 URAFILM FLEX CLEAR, BASE, PINT

MSDS Date:07/05/1989

FSC:8030

NIIN:00-498-5268

MSDS Number: BKHNQ

=== Responsible Party ===

Company Name:CROWN METRO AEROSPACE COATINGS, INC.

Address:4343 TEMPLE CITY BLVD

City:TEMPLE CITY

State:CA

ZIP:91780

Info Phon

e Num:(415) 471-7171

Emergency Phone Num:(415) 471-7171

CAGE:CROME

=== Contractor Identification ===

Company Name:CROWN

Box:350

City:GREENVILLE

State:SC

ZIP:29606

Country:US

Phone:803-277-1870

CAGE:06367

Company Name:CROWN METRO AEROSPACE COATINGS INC

Box:5695

City:GREENVILLE

State:SC

ZIP:29606

Country:US

Phone:803-277-1870

CAGE:CROME

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

Ingred Name:POLYESTER RESIN

Fraction by Wt: 15%

Ingred Name:N-BUTYL ACETATE (SARA III)

CAS

:123-86-4
RTECS #:AF7350000
Fraction by Wt: 5%
Other REC Limits:150 PPM
OSHA PEL:150 PPM/200 STEL
ACGIH TLV:150 PPM/200STEL;9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 10%
Other REC Limits:590 MG/CUM
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL ACETATE (SARA III)
CAS:141-78-6
RTECS #:AH5425000
Fraction by Wt: 30
%
Other REC Limits:400 PPM
OSHA PEL:400 PPM
ACGIH TLV:400 PPM; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:VOL ORGANIC CMPD: 560 G/L (ADMIXED)
RTECS #:9999999VO

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION: IRRITATION OF THE
RESPIRATORY TRACT, DRYNESS OF THROAT, COUGHING, HEADACHE, TIGHTNESS
IN

CHEST, BURNING SENSATION, DIZZINESS, & NAUSEA. SKIN: ALLERGIC REACTIONS. EYES: WATERING & IRRITATION. INGESTION: HARMFUL.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: RESPIRATORY TRACT IRRITATION, DRYNESS OF THROAT, COUGHING, HEADACHE, TIGHTNESS IN CHEST, BURNING SENSATION, DIZZINESS, & NAUSEA. SKIN: ALLERGIC REACTIONS. EYES: WATERING & IRRITATION. INGESTION: HARMFUL.

Medical Cond Aggravated by Exposure:ASTHMATIC TYPE CONDITIONS, CHRONIC BRONCHITIS,

OTHER CHRONIC RESPIRATORY DISEASES OR RECURRENT SKIN ECZEMA OR SENSITIZATION

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

First Aid:EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN: WASH W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION: DRINK WATER TO DILUTE. DON'T INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Flash Point Method:TCC

Flash Point:23F

Low

Per Limits:1%

Extinguishing Media:USE NFPA CLASS B EXTINGUISHERS. FOAM, CO2, DRY CHEMICAL, OR WATER FOG

Fire Fighting Procedures:WATER SPRAY MAY BE INEFFECTIVE. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE. FULL PROTECTIVE CLOTHING & SCBA. USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL.

Unusual Fire/Explosion Hazard:CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP, POSSIBLE AUTOIGNITION, OR EXPLOSION.

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

Spill Release Procedures:EVACUATE AREA. ELIMINATE IGNITION SOURCES. VENTILATE AREA. WEAR SELF-CONTAINED BREATHING APPARATUS. DIKE SPILL. COVER W/SAWDUST, VERMICULITE, FULLER'S EARTH. COLLECT MATERIAL IN OPEN CONTAINERS.

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

Handling and Storage Precautions:DON'T STORE >100F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED TO COMPLY W/REGULATIONS. KEEP CONTAIN

ER CLOSED & UPRIGHT TO PREVENT LEAKAGE.

Other Precautions: DON'T STORE OR USE NEAR HEAT, SPARKS, & FLAMES. AVOID CONTACT W/VAPOR OR SPRAY MIST DURING APPLICATION OR CURING. AVOID BREATHING SANDING DUST.

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

Respiratory Protection: OUTDOOR/OPEN AREA USE NIOSH APPROVED MECHANICAL FILTER RESPIRATOR. RESTRICTED VENTILATION AREAS USE NIOSH APPROVED CHEMICAL/MECHANICAL FILTERS TO REMOVE VAPORS/PARTICULATES. CONFINED AR

EA USE NIOSH AP PROVED AIR LINE TYPE RESPIRATOR/HOOD.

Ventilation: PROVIDE SUFFICIENT VENTILATION IN VOLUME & PATTERN TO KEEP AIR

Evaporation Rate & Reference: FASTER THAN ETHER

Percent Volatiles by Volume: 86%

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

Stability Indicator/Materials to Avoid: YES

WATER, ALCOHOLS, AMINES, STRONG BASES, METAL COMPOUNDS, SURFACE ACTIVE MATERIALS, STRONG OXIDIZING AGENTS

Stability Condition to Avoid: HEAT, SPARKS, ELECTRICAL EQUIPMENT, OPEN

FLAME, TEMPERATURE >100F, HOT SURFACES, MOISTURE

Hazardous Decomposition Products: CO, CO₂, NITROGEN OXIDES, & TRACES OF HEXAMETHYLENE DIISOCYANIDE, & DIISOCYANATE

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

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS. EMPTY CONTAINERS MUST BE HANDLED CAREFULLY DUE TO PRODUCT RESIDUE & FLAMMABLE SOLVENT VAPOR. FLAMMABLE PAINT.

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.