

CROWN METRO AEROSPACE COATINGS, INC -- ZINC DUST PIGMENTED PRIMER 10-P3-2/ EC-133
-- 8010-00-964-6004

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

Product ID:ZINC DUST PIGMENTED PRIMER 10-P3-2/ EC-133

MSDS Date:02/01/1987

FSC:8010

NIIN:00-964-6004

Kit Part:Y

MSDS Number: BJNNC

=== Responsible Party ===

Company Name:CROWN METRO AEROSPACE COATINGS, INC

Box:5695

City:GREENVILLE

State:SC

ZIP:29606

Country:US

I

Info Phone Num:803-277-1870

Emergency Phone Num:803-277-1870

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:EPOXY RESIN

Fraction by Wt: < 15%

Other REC Limits:NONE SPECIFIED

Ingred Na

me:ZINC (SARA III)
CAS:7440-66-6
RTECS #:ZG8600000
Fraction by Wt: < 65%
Other REC Limits:NONE SPECIFIED
OSHA PEL:10 MG ZNO/M3
ACGIH TLV:10 MG ZNO/M3; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: < 15%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: < 5
%
Other REC Limits:NONE SPECIFIED
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: < 10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ORGANIC AMINE
Fraction by Wt: < 10%
Other REC Limits:NONE SPECIFIED

Ingred Name:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Fraction

by Wt: < 5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9192

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Health Hazards Acute and Chronic:IRRITATION TO SKIN, EYES AND
RESPIRATORY TRACT. ALLERGIC REACTION MAY OCCUR.
Effects of Overexposure:WATERING OF EYES, DRYNESS OF THROAT, COUGHING,
HEADACHE, BURNING SENSATION, HEADACHE, DIZZINESS AND/OR NAUSEA.
Medical Cond Aggra
vated by Exposure:ASTHMATIC CONDITIONS, CHRONIC
BRONCHITIS OR ANY CHRONIC RESPIRATORY DISEASES. SKIN ECZEMA OR
SENSITIZATION.

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

First Aid:EYE: FLUSH WITH WATER FOR 15 MIN. SKIN: WASH AFFECTED AREA
WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. INHALATION:
REMOVE TO FRESH AIR. INGESTION: DRINK WATER TO DILUTE. DO NOT
INDUCE VOMITING. CONSULT PHYSICIAN FOR ANY OF THE ABOVELISTED
CONDITIONS.

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

Flash Point Method:TCC
Flash Point:23.0F,-5.0C
Lower Limits:1.
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, DRY CHEMICAL,
OR ALCOHOL FOAM. USE NFPA CLASS B EXTINGUISHERS.
Fire Fighting Procedures:WATER SPRAY MAY BE INEFFECTIVE, IF USED FOG
NOZZLE PREF. WATER USED TO COOL CLOSED CONTAINERS TO PREVENT
PRESSURE BUILDUP AND POSSIBLE AUTOIGNITE OR EXPLOSION.
Unusual Fire/Explosion Hazard:KEEP FROM IGNITION SOURCES. H
EATED CLOSED
CONTAINERS MAY EXPLODE. WEAR SELF-CONTAINED BREATHING APPARATUS.

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

Spill Release Procedures:EVACUATE AREA. REMOVE IGNITION SOURCES.
VENTILATE AREA. USE SELF CONTAINED BREATHING APPARATUS. DIKE SPILL.
COVER WITH INERT MATERIAL. COLLECT MATERIAL IN OPEN CONTAINERS.

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

Handling and Storage Precautions:DO NOT STORE ABOVE 100F. DO NOT STORE

OR USE NEAR IGNITE SOURCES. KEEP CONTAINERS CLOSED AND UPRIGHT TO STOP LEAKAGE.

Other Precautions:AVOID PROLONGED OR REPEATED CONTACT WITH VAPOR OR SPRAY MIST DURING APPLICATION OR CURING.

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

Respiratory Protection:OPEN AREAS USE NIOSH APPROVED MECHANICAL FILTER RESPIRATOR. IN RESTRICTED AREAS USE NIOSH APPROVED CHEMICAL/MECHANICAL FILTER TO REMOVE VAPOR AND PARTICULATES. IN CONFINED AREAS USE NIOSH APPROVED AIR LINE TYPE RESPIRATORS OR HOODS.

Ventilation:MUST BE SUFFICIENT IN VOLUME AND PATTERN TO KEEP CONTAMINANT CONCENTRATION BELOW TLV (NIOSH) OR PEL (OSHA).

Protective Gloves:BUTYL RUBBER RECOMMENDED.

Eye Protection:GOGGLES,FACE SHIELD,SAFETY W/SIDESHIELD.

Other Protective Equipment:PROTECTIVE CREAMS. CHEMICAL RESISTANT BOOTS.

Work Hygienic Practices:WASH HANDS BEFORE EATING OR USING BATHROOM. REMOVE AND WASH CONTAMINATED CLOTHING.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:170 TO 315F

Vapor Density:> THAN AIR

Evaporation Rate & Reference:SLOWER THAN ETHER

Percent Volatiles by Volume:65

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES.

Hazardous Decomposition Products:CO, CO2, NITROGEN OXIDES.

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

Waste Disposal Methods:CONFORM TO FEDERAL, STATE AND LOCAL REGULATIONS. EMPTY CONTAINERS MAY CONTAIN RESIDUE AND FLAMMMABLE SOLVENT VAPOR.

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.