

COURTAULDS AEROSPACE -- AMINE 910X831 -- 8010-01-441-6032

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

Product ID:AMINE 910X831

MSDS Date:07/31/1997

FSC:8010

NIIN:01-441-6032

Kit Part:Y

MSDS Number: CGYBT

=== Responsible Party ===

Company Name:COURTAULDS AEROSPACE

Address:5430 SAN FERNANDO ROAD

Box:1800

City:GLENDALE

State:CA

ZIP:91209

Country:US

Info Phone Num:818-240-2060

Emergency Phone Num:800-228-5635

/800-424-9300 CHEMTREC

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:BUTOXYETHANOL (SARA 313) (VP = .6 MM HG)

CAS:111-76-2

RTECS #:KJ8575000

Fraction by Wt: 15.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:25 PPM

ACGIH TLV:25 PPM

Ingred

Name:MODIFIED POLYAMINE
Fraction by Wt: 20.0%
Other REC Limits:NONE RECOMMENDED

Ingred Name:2-PROPOXYETHANOL ETHANOL, 2-PROPOXY- (VP = 1.3 MM HG)
CAS:2807-30-9
RTECS #:KM2800000
Fraction by Wt: 15.0%
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:(1) PPM

Ingred Name:NON-HAZARDOUS ADDITIVES (NON-HAZARDOUS INGREDIENTS)
Other REC Limits:NONE RECOMMENDED
OSHA PEL:NOT RELEVANT
ACGIH TLV:NOT RELEVANT

Ingred Name:WATER (NON-HAZARDOUS)
CAS:7732-18-5
RTECS #:ZC0110000
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:EYE: BURNING, TEARING, REDDENING,
IRRIT. SKIN: IRRIT, SENSITIZATION, HARMFUL IF ABSORBED. INHAL:
NOSE/THROAT/RESPIRATORY TRACT IRRIT, LIVER/KIDNEY EFFECTS. INGEST:
NAUSEA, VOMIT, ABDOMENAL DISCOMFORT, BLEEDING OF THE GI TRACT.
Explanation of Carcinogenicity:CARBON BLACK I
S LISTED AS A CARCINOGENIC
BY IARC.
Effects of Overexposure:IN MEMORY/THINKING
ABILITY/EMOTIONS/COORDINATION, BRONCHIOPNEUMONIA OR PULMONARYEDEMA.

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

First Aid:EYE: FLUSH W/WATER FOR 15 MINUTES. SKIN: WASH W/SOAP & WATER.
DONT USE SOLVENTS. REMOVE CONTAM CLOTHES, WASH BEFORE REUSE. INHAL:
REMOVE TO FRESH AIR. ARTIF RESP/CPR IF NEEDED. INGEST: CALL DR. IN
ALL CASES, GET IMMED MED AID.

=====

Fire Fighting Measures =====

Flash Point:>200F,>93C

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL OR FOAM.

Fire Fighting Procedures:WATER SPRAY MAY BE INEFFECTIVE. COOL CONTAINERS W/WATER. FOG NOZZLES PREFERRED. USE SCBA AND PROTECTIVE CLOTHES. CLOSED CONTAINERS EXPLODE IN HIGH HEAT.

Unusual Fire/Explosion Hazard:VAPORS COLLECT IN POORLY VENTED OR CONFINED AREAS. VAPORS FORM EXPLOSIVE MIXTURES W/AIR. VAPORS TRAVEL TO IGNITS AND FLASH BACK.

=====

Accidental Release Measures =====

Spill Release Procedures:REMOVE IGNITS. USE AIR-SUPPLIED RESPIRATOR FOR UNVENTED SPILLS. COVER W/ABSORBENT MATERIAL AND SCOOP INTO CONTAINER. CLEAN UP RESIDUE W/SUITABLE RESIDUE.

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. ISOLATE FROM IGNITS. DONT STORE >120F.

Other Precautions:EMPTY DRUMS MAY CONTAIN EXPLOSIVE VAPORS. DONT CUT, PUNCTUREOR

WELD ON OR NEAR DRUM. DURING A FIRE, IRRITATING AND TOXIC GASES AND AEROSOLS FROM DECOMPOSITION/COMBUSTION PRODUCTS MAY BE PRESENT.

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

Respiratory Protection:WHEN SPRAYING OR APPLYING IN CIRCUMSTANCES LIKELY TO PRODUCE AIRBORNE LEVELS OF HAZARDOUS INGREDIENTS IN EXCESS OF TLV, USE ORGANIC VAPOR CARTRIDGE OR AIR SUPPLIED RESPIRATOR.

Ventilation:GENERAL VENTILATION TO MAINTAIN VAPORS BELOW PEL AND TLV.

Protectiv

e Gloves:SOLVENT RESISTANT

Eye Protection:GOGGLES OR FULL FACE SHIELD

Other Protective Equipment:AVOID SKIN CONTACT BY USE OF OTHER PROTECTIVE EQUIPMENT. DURING SPRAY APPLICATION COMPLETE SKIN PROTECTION REQUIRED.

Supplemental Safety and Health

NK

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

Boiling Pt:B.P. Text:212 TO 340F

Vapor Density:>AIR

Spec Gravity:1.0

Evaporation Rate & Reference:SLOWER THAN BUAC

Appearance and Odor:GRAY LIQUID, SOLVENT ODOR.

Percent

Volatiles by Volume:81.8

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

Stability Indicator/Materials to Avoid:YES

NK

Hazardous Decomposition Products:CARBON DIOXIDE AND CARBON MONOXIDE.

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

Waste Disposal Methods:WHEN DISPOSING OF THIS MATERIAL, INSURE THAT IT IS PACKAGED, STORED, TRANSPORTED AND OTHERWISE PACKAGED IN ACCORDANCE W/FEDERAL, STATE AND LOCAL REGULATIONS.

===== Other Information =====

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.