

DU PONT E I DE NEMOURS & CO INC -- CROMALIN H-22624 -- 6750-01-393-5145

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

Product ID:CROMALIN H-22624

MSDS Date:12/28/1990

FSC:6750

NIIN:01-393-5145

MSDS Number: CCMDF

=== Responsible Party ===

Company Name:DU PONT E I DE NEMOURS & CO INC

Address:1007 MARKET STREET

Box:1635

City:WILMINGTON

State:DE

ZIP:19898

Country:US

Info Phone Num:800-441-7515/MSDS 302-992-3511

Emergency Phone Num:800-441-3637/800-424-9300(CHEMTREC)

CAGE:18873

=== Contractor Identification ===

Company Name:E.I. DUPONT DE NEMOURS & CO

Address:1007 MARKET STREET

Box:City:WILMINGTON

State:DE

ZIP:19898

Country:US

Phone:800-441-7515;800-441-9442

CAGE:18873

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

Ingred Name:POLY (DIMETHYLSILOXANE)

CAS:63148-62-9

RTECS #:JJ6484500

Fraction by Wt: 10-30%

Other REC Limits:NONE RECOMMENDED

Ingred Name:POLYOXYETHYLENE-4-ALKYL ETHE

R
CAS:9002-92-0
RTECS #:MD0875000
Fraction by Wt: 10-15%
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:>5G/KG
Other REC Limits:NONE RECOMMENDED

Ingred Name:CELLULOSE ACETATE,
CAS:9004-35-7
Other REC Limits:NONE RECOMMENDED

Ingred Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9596

Ingred Name:GRAPHITE, NATURAL
CAS:7782-42-5
RTECS #:MD9659600
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MPPCF; Z-3
ACGIH
TLV:2 MG/M3 RDUST; 9596

Ingred Name:PHTHALO GREEN
CAS:1328-53-6
RTECS #:GE4300000
Other REC Limits:NONE RECOMMENDED

Ingred Name:BLUE PIGMENT
CAS:147-14-8
Other REC Limits:NONE RECOMMENDED

Ingred Name:C.I. PIGMENT YELLOW 17 (C.I. NO 21105)
CAS:4531-49-1
RTECS #:AC3662000
Other REC Limits:NONE RECOMMENDED

Ingred Name:DIOXAZINE VIOLET
CAS:6358-30-1
Other REC Limits:NONE RECOMMENDED

Ingred Name:PERM-YELLOW
CAS:6358-31-2
Other REC Limits:NONE RECOMMENDED

Ingred Name:YELLOW 83 PIGMENT
CAS:5567-1

5-7

Other REC Limits:NONE RECOMMENDED

Ingred Name:YELLOW 98

CAS:38289-07-5

Other REC Limits:NONE RECOMMENDED

Ingred Name:YELLOW 101

CAS:2053-29-4

Other REC Limits:NONE RECOMMENDED

Ingred Name:RED 122

CAS:12225-00-2

Other REC Limits:NONE RECOMMENDED

Ingred Name:RED 123

CAS:24108-89-2

Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:MAY CAUSE MILD EYE & SKIN IRRITATION.
INHALATION MAY CAUSE RESPIRATORY IRRITATION, COUGHING DIFFICULTY
BREATHING, BUT ONLY IF SIGNIFICANT QUANTITIES ARE INVOLVED. FINE,
INSOLUBLE PIGMENT PARTICLES WIL L DEPOSIT IN FOLDS & DEPRESSIONS IN
THESKIN & PRESENT A PROBLEM IN REMOVAL.

Explanation of Carcinogenicity:NO INGREDIENTS OF THIS PRODUCT ARE
DESIGNATED BY IARC, NTP, OSHA, ACGIH OR DUPONT AS POTENTIAL
CARCINOGENS.

Effects of Overexposure:EY
E IRRITATION. SKIN IRRITATION. RESPIRATORY
IRRITATION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION-REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE
ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
CALL A PHYSICIAN. SKIN-WASH WITH SOAP & WATER. EYE-IMMEDIATELY
FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MIN. CALL A PHYSICIAN.
INGESTION-DO NOT INDUCE VOM

ITING. IMMEDIATELY GIVE TWO GLASSES OF
WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL
A PHYSICIAN.

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

Extinguishing Media:WATER, WATER SPRAY, FOAM, DRY CHEMICAL OR CARBON
DIOXIDE.

Fire Fighting Procedures:KEEP PERSONNEL REMOVED & UPWIND OF FIRE. WEAR
SELF-CONTAINED BREATHING APPARATUS. WEAR FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:DUST MAY FORM EXPLOSIVE MIXTURE WITH AIR.

=====

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

Spill Release Procedures:USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT
DURING CLEANUP. VACUUM AND PLACE IN SUITABLE CONTAINER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. AVOID
DUST GENERATION. DO NOT MIX WITH STRONG OXIDIZERS.

Other Precautions:NOTES TO PHYSICIAN: ACTIVATED CHARCOAL SL
URRY MAY BE

ADMINISTERED. TO PREPARE ACTIVATED CHARCOAL SLURRY, SUSPEND 50
GRAMS ACTIVATED CHARCOAL IN 400 ML WATER AND MIX THOROUGHLY.
ADMINISTER 5ML/KG OR 35 0ML FOR AN AVERAGE ADULT.

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

Respiratory Protection:RESPIRATORS ARE NOT NEEDED FOR NORMAL USE. A
NIOSH/MSHA APPROVED AIR PURIFYING RESPIRATOR WITH AN ORGANIC VAPOR
CARTRIDGE OR CANISTER WITH DUST/MIST FILTER MAY BE PERMISSIBLE
UNDRE CERTAIN CIRCUMST
ANC ES.

Ventilation:USE VENTILATION THAT IS ADEQUATE TO KEEP EMPLOYEE EXPOSURE
TO AIRBORNE CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMITS.

Protective Gloves:WEAR GLOVES MADE FROM RUBBER.

Eye Protection:WEAR SAFEYT GLASSES.

Other Protective Equipment:PROTECTIVE CLOTHING EXCEPT FOR GLOVES IS NOT
NEEDED FOR NORMAL EVERYDAY PROCESSING.

Work Hygienic Practices:AFTER HANDLING THE PRODUCT, WASH HANDS
THOROUGHLY BEFORE LEAVING THE WORK AREA.

Supplemental Safety and Health
DO NOT BREATHE DU

ST. AVOID CONTACT WITH EYES, SKIN OR CLOTHING. WASH THOROUGHLY AFTER HANDLING.

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

HCC:N1

Spec Gravity:>1

Solubility in Water:0 WT %

Appearance and Odor:TRACE TO NONE - MILD ODOR. FLUFFY POWDER, COLOR VARIES.

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

Stability Indicator/Materials to Avoid:YES

INCOMPATIBLE WITH STRONG OXIDIZERS.

Stability Condition to Avoid:STABLE AT NORMAL TEMPERATURES AND STORAGE

CONDITIONS.

Hazardous Decomposition Products:HAZARDOUS DECOMPOSITION WILL NOT OCCUR.

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

Waste Disposal Methods:TREATMENT, STORAGE, TRANSPORTATION AND DISPOSAL MUST BE IN COMPLIANCE WITH APPLICABLE FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS. DO NOT FLUSH SURFACE WATER OR SANITARY SEWER SYSTEM.

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.