

E I DUPONT DE NEMOURS & CO INC -- ACRYLIC LACQUER PRIMER AND SEALERS, 70S --
8010-00-430-0193

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

Product ID:ACRYLIC LACQUER PRIMER AND SEALERS, 70S

MSDS Date:01/01/1995

FSC:8010

NIIN:00-430-0193

MSDS Number: CFMQK

=== Responsible Party ===

Company Name:E I DUPONT DE NEMOURS & CO INC

Address:1007 MARKET ST

City:WILMINGTON

State:DE

ZIP:19899

Country:US

Info Phone Num:

800-441-7515

Emergency Phone Num:800-441-3637

CAGE:0ERJ7

=== Contractor Identification ===

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

Address:1007 MARKET STREET

City:WILMINGTON

State:DE

ZIP:19898

Country:US

Phone:800-441-7515

CAGE:0ERJ7

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:ACETONE (SARA 31

3) (CERCLA). VP: 184.0 @ 20C
CAS:67-64-1
RTECS #:AL3150000
OSHA PEL:1000 PPM
ACGIH TLV:750PPM/1000STEL;9495
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ACETIC ACID, BUTYL ESTER; (N-BUTYL ACETATE) (CERCLA). VP:
8.0 @ 20C
CAS:123-86-4
RTECS #:AF7350000
OSHA PEL:150 PPM
ACGIH TLV:150 PPM/200STEL;9495
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:CARBON BLACK
CAS:1333-86-4
RTECS #:FF5800000
OSHA PEL:3.5 MG/M3
ACGIH TLV:3.5 MG/M3; 9495

Ingred Name:PHTHALIC ACID,DIBUTYL ESTER;
(DIBUTYL PHTHALATE) (SARA 313)
(CERCLA) VP: 1 @ 20C
CAS:84-74-2
RTECS #:TI0875000
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3; 9495
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:MALEIC MODIFIED RESIN ESTER; (ESTER GUM)
CAS:68038-41-5
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:TALC (POWDER), CONTAINING NO ASBESTOS FIBERS; (HYDROUS
MAGNESIUM SILICATE)
CAS:14807-96-6
RTECS #:WW2710000
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:ISOPROPYL ALCOHOL (SARA 313); VP: 33.0
CAS:67-63-0
RTECS #:NT8050000

OSHA PEL:400 PPM
ACGIH TLV:400 PPM/500STEL;9495

Ingred Name:METHANOL; (METHYL ALCOHOL) (SARA 313) (CERCLA). VP: 100.0 @ 20C
CAS:67-56-1
RTECS #:PC1400000
Fraction by Wt: 2%
OSHA PEL:S, 200 PPM
ACGIH TLV:S,200PPM/250STEL; 95
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:2-PENTANONE,4-METHYL-; (METHYL ISOBUTYL KETONE) (SARA 313) (CERCLA). VP: 15.0 @ 20C
CAS:108-10-1
RTECS #:SA9275000
Fraction by Wt: 1%
OSHA PEL:100 PPM
ACGIH TLV:50 PPM/75 STEL; 9495
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:NITROCELLULOSE
CAS:9004-70-0
RTECS #:QW0970000
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:TITANIUM OXIDE; (TITANIUM DIOXIDE)
CAS:13463-67-7
RTECS #:XR2275000
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9495

Ingred Name:TOLUENE (SARA 313) (CERCLA). VP:36.7 @ 20C
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 17%
OSHA PEL:200 PPM; Z-2
ACGIH TLV:S, 50 PPM; 9495
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:VM & P NAPHTHA
CAS:64742-89-8
OSHA PEL:N/K
ACGIH TLV

:N/K

Inged Name:EFTS OF OVEREXP:ACTIVITY IN ANIMALS HAS BEEN INCONCLUSIVE.
ING4:MAY CAUSE MODERATE EYE BURNING. EXTREMELY HIGH (ING 16)
RTECS #:9999999ZZ

Inged Name:ING 15:ORAL DOSES HAVE CAUSED EMBRYOTOXIC EFTS IN LAB
ANIMALS. HIGH ORAL DOSES HAVE CAUSED DMG TO THE SPERM (ING 17)
RTECS #:9999999ZZ

Inged Name:ING 16:SPERM PRODUCING CELLS OF THE TESTIS. INGEST STUDIES
ON LAB ANIMALS SHOWED THAT VARY HIGH ORAL KIDNEY (ING 18)
RTECS #:9999999ZZ

Inged Name:ING 17:WEIGHTS. ING 6:
RPTD & PRLNGD OVEREXP TO TALC MAY
LEAD TO CHRONIC LUNG DISEASE. ING 8:EXCESS (ING 19)
RTECS #:9999999ZZ

Inged Name:ING 18:HUMAN EXPOS TO METHANOL MAY LEAD TO FATIGUE, HDCH,
ANESTHETIC, NEUROLOGIC EFTS, & VISUAL DIFFICULTIES (ING 20)
RTECS #:9999999ZZ

Inged Name:ING 19:INCL BLINDNESS/DEATH. RECURRENT OVEREXP MAY RESULT
IN LIVER & KIDNEY INJURY. CAN BE ABSORBED THROUGH THE (ING 21)
RTECS #:9999999ZZ

Inged Name:ING 20:SKIN IN HARMFUL AMOUNTS. HAS BEEN TOX TO THE FETUS
IN LAB A
NIMALS AT DOSES THAT ARE TOX TO THE MOTHER. (ING 22)
RTECS #:9999999ZZ

Inged Name:ING 21:ING 9:RECURRENT OVEREXP MAY RESULT IN LIVER AND
KIDNEY INJURY. ING 12:TOLUENE:RECURRENT OVEREXP MAY (ING 23)
RTECS #:9999999ZZ

Inged Name:ING 22:RESULT IN LIVER AND KIDNEY INJURY. HIGH AIRBORNE
LEVELS HAVE PRODUCED OCCASIONAL PALPITATIONS IN HUMANS. (ING 24)
RTECS #:9999999ZZ

Inged Name:ING 23:ING 13:MAY CAUSE TEMPORARY UPPER RESP &/OR LUNG
IRRITATION W/COUGH, DIFFICULT BREATHING, OR SHORTN

ESS OF BREATH.
RTECS #:9999999ZZ

Ingred Name:EYE PROT:AND FULL LENGTH FACESHIELD .
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:TOULENE APPEARS ON NAVY LISTING OF
OCCUP CHEM REPRO HAZ. SEEK CONSULTATION FROM APPROP HLTH
PROFESSIONALS CONCERNING LATEST
HAZ LIST INFO & SAFE HNDLG & EXPOS
INFO . GENERAL EFTS:INGEST:GI DISTR ESS. INHAL:MAY CAUSE NOSE &
THOAT IRRIT. RPTD & PRLNG OVEREXP TO SOLV MAY LEAD TO PERM BRAIN &
(EFTS OF OVEREXP)
Explanation of Carcinogenicity:CARBON BLACK:IARC MONOGRAPHS, VOL 65, PG
24-27, 1995: GROUP 2B.
Effects of Overexposure:HLTH HAZ:NERVOUS SYS DMG. EYE WATERING, HDCHS,
NAUSEA, DIZZ & LOSS OF COORDINATION ARE SIGNS THAT SOLV LEVELS ARE
TOO HIGH. SKIN/EYE CNTCT:MAY CAUSE IRRIT/BURNING OF EYES.

RPT/PRLNGD LIQ CNTCT MAY CAU SE SKIN IRRIT W/DISCOMFORT & DERM.
SPECIFIC EFFECTS:ING 2:MAY CAUSE ABNORMAL LIVER FUNCTION.
EMBRYOTOXIC (ING 15)
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INGESTION:CALL A PHYSICIAN IMMEDIATELY AND HAVE THE NAMES OF
INGREDIENTS AVAILABLE. INHAL:IF AFFECTED BY INHALATION OF VAPOR OR
SPRAY MIST, REMOVE TO FRESH AIR. IF BREATHING DIFFICULTY PERSI
STS,
OR OC CURS LATER, CONSULT A PHYSICIAN. EYE:IMMEDIATELY FLUSH WITH
PLENTY OF WATER FOR AT LEAST 15 MINUTES; CALL A PHYSICIAN.
SKIN:WASH WITH SOAP AND WATER. IF IRRITATION OCCURS, CONTACT A
PHYSICIAN.

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

Flash Point Method:CC
Flash Point:20.0F,-6.7C
Lower Limits:0.2%
Upper Limits:36.5%
Extinguishing Media:WATER SPRAY, FOAM, CARBON DIOXIDE, DRY CHEMICAL.
Fire Fighting Procedures:USE NIOSH APPROVED SCBA & FULL P

ROTECTIVE

EQUIPMENT . WATER FROM FOG NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILDUP.

Unusual Fire/Explosion Hazard:WHEN HEATED ABOVE FLASH POINT, EMITS FLAMMABLE VAPS WHICH, WHEN MIXED W/AIR, CAN BURN/BE EXPLOSIVE. FINE MISTS/SPRAYS MAY BE FLAMM AT TEMP BELOW FLASH POINT.

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

Spill Release Procedures:VENVILATE AND REMOVE SOURCES OF IGNITION. PREVENT SKIN CONTACT AND BREATHING OF VAPOR

. WEAR A PROPERTY FITTED

VAPOR/PARTICULATE RESPIRATOR (NIOSH/OSHA TC-23C). CONFINE AND REMOVE WITH INERT ABSORBENT .

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:OBSERVE LABEL PRECAUTIONS. KEEP AWAY FROM HEAT, SPARKS & FLAME. CLOSE CONTAINER AFTER EACH USE. GROUND CNTNRS WHEN POURING.

Other Precautions:DO NOT SAND, FLAME OUT, BRAZE OR WELD DRY COATING WITHOUT A NIOSH APPROVED RESPIRATOR OR APPROPRIATE VENTILATION.

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

Respiratory Protection:DO NOT BRTH VAPORS/MIST. WEAR A PROPERLY FITTED VAPOR/PARTICULATE RESP APPRVD BY NIOSH (TC-23C) FOR USE W/PAINTS DURING APPLICATION & UNTIL ALL VAPORS & SPRAY MISTS ARE EXHAUSTED. IN CONFINED SPACES/I N SITUATIONS WHERE CONTINUOUS (SUPDAT)

Ventilation:PROVIDE SUFFICIENT VENTILATION IN VOLUME AND PATTERN TO KEEP CONTAMINANTS BELOW APPLICABLE

OSHA REQUIREMENTS.

Protective Gloves:NEOPRENE GLOVES.

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS(ING 25)

Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA. . COVERALLS ARE RECOMMENDED.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR SMOKING.

Supplemental Safety and Health

RESP PROT:SPRAY OPERATIONS ARE TYPICAL OR PROPER RESPIRATOR FITS IS NOT POSSIBLE, WEAR A NIOSH APPRVD POSITIVE-PRESSURE, SUPPLIED-AIR
R

RESPIRATOR (TC-19C) IN ALL CASES FOLLOW THE RESPIRATOR MANUFACTURER'S DIRECTIONS FOR RESPIRATOR. DO NOT PERMIT ANYONE WITHOUT PROTECTION IN THE PAINTING AREA.

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

Boiling Pt:B.P. Text:>129F,>54C
Vapor Pres:SEE INGS
Vapor Density:HVR/AIR
Spec Gravity:1.07
VOC Grams/Liter:4.1
Evaporation Rate & Reference:LESS THAN ETHER
Solubility in Water:MISCIBLE
Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.
Percent Volatiles by Volume:>69.4

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

Stability Indicator/Materials to Avoid:YES
NONE REASONABLY FORESEEABLE.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:CO, CO*2, SMOKE.

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

Waste Disposal Methods:DO NOT ALLOW MATERIAL TO CONTAMINATE GROUND WATER SYSTEMS. INCINERATE ABSORBED MATERIAL IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REQUIREMENTS. DO NOT INCINERATE IN CLOSE CONTAINERS.

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

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