

EI DUPONT DE NEMOURS & CO INC AUTOMOTIVE PROD DIV -- 792S ISOCYANATE ACTIVATORS,  
HARDNERS & ADDITIVES -- 8010-01-160-9488

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

Product ID:792S ISOCYANATE ACTIVATORS, HARDNERS & ADDITIVES

MSDS Date:01/01/1993

FSC:8010

NIIN:01-160-9488

MSDS Number: BXPBB

=== Responsible Party ===

Company Name:EI DUPONT DE NEMOURS & CO INC AUTOMOTIVE PROD DIV

Address:1007 MARKET ST BRAN

DYWINE BLDG 3332

City:WILMINGTON

State:DE

ZIP:19898-5000

Country:US

Info Phone Num:800-441-7515/800-441-3637

Emergency Phone Num:800-441-3637/800-441-7515

Preparer's Name:T R LOUER

CAGE:EO716

=== Contractor Identification ===

Company Name:DU PONT E I DE NEMOURS & CO FABRICATED PROD DEPT

Address:1007 MARKET ST BRANDYWINE BLDG 3332

Box:City:WILMINGTON

State:DE

ZIP:19898

Country:US

Phone:800-441-3637

CAGE:90227

Company Name:EI DUPONT DE NEMOURS CO/AUTOMOTIVE PRODS

Address:1007 MARKET ST

City:WILMIN

GTION

State:DE

ZIP:19898

Country:US

Phone:(800) 441-7515

CAGE:EO716

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

Ingred Name:ALIPHATIC POLYISOCYANATE, HEXAMETHYLENE DIISOCYANATE  
POLYMER (HDI POLYMER) \*95-2\*

CAS:28182-81-2

RTECS #:NQ9170000

Other REC Limits:1 MG/CUM

Ingred Name:SOLVENT NAPHTHA, PETROLEUM, LIGHT AROMATIC, HIGH FLASH  
AROMATIC NAPHTHA

CAS:64742-95-6

RTECS #:WF3400000

Ingred Name:BIS(2,2,6,6-TETRAMETHYL-4-PIPERIDINYL) SEBACATE

CAS:52829-07-9

Ingred

Name: BUTYL ACETATE (N-BUTYL ACETATE) \*95-2\*

CAS: 123-86-4

RTECS #: AF7350000

Other REC Limits: 150 PPM

OSHA PEL: 710 MG/CUM

ACGIH TLV: 713 MG/CUM

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

Ingred Name: ETHYL ACETATE

CAS: 141-78-6

RTECS #: AH5425000

Other REC Limits: 400 PPM

OSHA PEL: 1400 MG/CUM

ACGIH TLV: 1400 MG/CUM

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

Ingred Name: 2-(2'-HYDROXY-3',5'-DI-TERT-AMYLPHENYL)BENZOTRIAZOLE;  
BENZOTRIAZOLE UV ABSORBER \*95-2\*

CAS: 25973-55-1

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= Hazards Identification =====

Routes of Entry: Inhalation: YES Skin: NO Ingestion: YES

Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO

Health Hazards Acute and Chronic: INHALATION: MAY CAUSE NOSE & THROAT

IRRITATION. REPEATED & PROLONGED OVEREXPOSURE TO SOLVENTS MAY CAUSE  
PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. EYES: IRRITATION & BURNS.

SKIN: IRRITATION & DERMATITIS . ISOCYANATES: MAY CAUSE RESPIRATORY  
SENSITIZATION WHICH MAY BE PERMANENT. (SEE SUPP)

Expla

nation of Carcinogenicity: NONE

Effects of Overexposure: IRRITATION, NAUSEA, DIZZINESS, LOSS OF

COORDINATION, BURNING, DISCOMFORT, GI DISTRESS. SOLVENTS: EYE  
WATERING, HEADACHES, NAUSEA, DIZZINESS & LOSS OF COORDINATION.

RESIN: RASH, ITCHING, SWELLING, IRRITATION, DISCOMFORT, TEARING,  
BLURRED VISION, ASTHMA LIKE REACTIONS, SHORTNESS OF BREATH,  
WHEEZING, COUGH.

Medical Cond Aggravated by Exposure: LUNG/BREATHING PROBLEMS & PRIOR  
REACTION TO ISOCYANATES. PRE-EXISTING LUNG DIS

EASE,  
ASTHMA/BREATHING DIFFICULTIES.

=====  
First Aid Measures  
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First Aid:INHALATION: REMOVE TO FRESH AIR. EYES: FLUSH W/PLENTY OF WATER FOR 15 MINS. SKIN: WASH W/SOAP & WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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Fire Fighting Measures  
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Flash Point Method:CC  
Flash Point: THE FLASH POINT, EMITS  
FLAMMABLE VAPORS WHICH WHEN MIXED W/AIR, CAN BURN/BE EXPLOSIVE.  
FINE MISTS/SPRAYS MAY BE FL  
AMMABLE AT TEMPS < FLASH POINT.

=====  
Accidental Release Measures  
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Spill Release Procedures:WEAR PERSONAL PROTECTIVE EQUIPMENT. REMOVE SOURCES OF IGNITION. ABSORB W/INERT MATERIAL. VENTILATE AREA. POUR DECONTAMINATE SOLUTION OVER & ALLOW TO SIT 10 MINS, MINIMUM.  
Neutralizing Agent:20% TERGITOL TMN 10 & 80% WATER/0-10% AMMONIA, 2-5% DETERGENT & 85-98% WATER.

=====  
Handling and Storage  
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Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS & FLAME.  
CLOSE CONTAINER AFTER EACH USE. GROUND CONTAINERS WHEN POURING.  
DON'T STORE >120F.  
Other Precautions:FLAMMABLE LIQUID. DON'T SAND, FLAME CUT, BRAZE/WELD DRY COATING W/OUT A NIOSH/MSHA APPROVED RESPIRATOR/APPROPRIATE VENTILATION. DON'T BREATHE VAPORS/MISTS. DON'T GET IN EYES/ON SKIN. DON'T PERMIT ANYONE W/OUT PROTECTION IN THE PAINTING AREA

=====  
Exposure Controls/Personal Protection  
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Respiratory Protection:WEAR A POSITIVE PRESSURE SUPPLIED AIR RESPIRATOR (NIOSH/MSHA TC-19C) WHILE MIXING ACTIVATOR W/ANY PAINT/CLEAR ENAMEL.  
Ventilation:PROVIDE SUFFICIENT VENTILATION IN VOLUME & PATTERN TO KEEP CONTAMINANTS < APPLICABLE OSHA REQUIREMENTS.  
Protective Gloves:NEOPRENE  
Eye Protection:SPLASH GUARDS/SIDE SHIELDS  
Other Protective Equipment:NEOPRENE COVERALLS.  
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING & BEFORE EATING/SMOKING.  
Supplemental Safety and Health  
PERCENT VOLATILE BY

VOLUME: 19.4-80.9. HLTH HZRD CONT'D: REPEATED

OVEREXPOSURE MAY CAUSE A DECREASE IN LUNG FUNCTION WHICH MAY BE PERMANENT. BUTYL ACETATE-MAY CAUSE ABNORMAL LIVER FUNCTION.

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

Boiling Pt:B.P. Text:169-882F

Vapor Density:>1

Evaporation Rate & Reference:LESS THAN ETHER

Solubility in Water:MISCIBLE

Percent Volatiles by Volume:(SUPP)

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

Stability Indicator/M

aterials to Avoid:YES

NONE REASONABLY FORESEEABLE.

Stability Condition to Avoid:HEAT, SPARKS, FLAME.

Hazardous Decomposition Products:CO, CO2, SMOKE.

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

Waste Disposal Methods:DON'T ALLOW MATERIAL TO CONTAMINATE GROUND WATER SYSTEMS. DON'T INCINERATE IN CLOSED CONTAINERS. INCINERATE ABSORBED MATERIALS IAW/FEDERAL, STATE & LOCAL REGULATIONS. FLAMMABLE LIQUID UN1168.

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