

520U IMRON POLYURETHANE ENAMEL

MSDS Number

BBNJF

National Stock Number

8010-00F003585

Product Name

520U IMRON POLYURETHANE ENAMEL

Manufacturer

EI DUPONT AUTOMOTIVE PRODS DEPT

Product Identification

Product ID:520U IMRON POLYURETHANE ENAMEL

MSDS Date:02/01/1989

FSC:8010

NIIN:00F003585

MSDS Number: BBNJF

Responsible Party

EI DUPONT/AUTOMOTIVE PRODS DEPT

1007 MARKET ST BRANDYWINE BLDG 3332

WILMINGTON , DE 19898

US

Emergency Phone: (800) 441-3637

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Cage: EO478

Contractor

EI DUPONT/AUTOMOTIVE PRODS DEPT

WILMINGTON, DE 19898

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Ingredients

MEDIUM ALIPHATIC NAPHTHA (AROMATIC 100), PARAFFIN-NAPTHANES

CAS: 64742-88-7

OSHA PEL500 PPM

ACGIH TLV: 100 PPM

8.25-11.19

RTECS: 9999999WG

3.56 LB/GAL

RTECS: 9999999VO

BUTANOL, N-BUTYL ALCOHOL, PROPYL CARBINOL, BUTYL ALCOHOL

CAS: 71-36-3

RTECS: EO1400000

Fraction By Weight: 2%

OSHA PEL100 PPM

ACGIH TLV: S, C 50 PPM; 9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

TOLUENE

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 1%

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

PROPYLENEGLYCOL MONOMETHYL ETHER ACETATE,

CAS: 108-65-6

RTECS: AI8925000

Fraction By Weight: 30%

XYLENE, DIMETHYLBENZENE, XYLOL

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 4%

OSHA PEL100 PPM

ACGIH TLV: 100 PPM, SKIN

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

SOLVENT NAPHTHA, PETROLEUM, LIGHT AROMATIC, HIGH FLASH

CAS: 64742-95-6

RTECS: WF3400000

2-PROPENOIC ACID 2-METHYL-METHYL ESTER, POLYMER

CAS: 80010-53-3

ALUMINUM (POWDER)

CAS: 7429-90-5

RTECS: BD0330000

Fraction By Weight: 10%

OSHA PEL15 MG/CUM

ACGIH TLV: 10 MG/CUM (DUST)

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO

Health Hazards Acute and Chronic:INGESTION: GASTROINTESTINAL DISTRESS.

INHALATION: NOSE/THROAT IRRITATION, EYE WATERING, HEADACHES,

NAUSEA, DIZZINESS, COORDINATION LOSS, ASTHMA-LIKE REACTIONS

W/SHORTNESS OF BREATH, WHEEZING, COUGH OR LUNG SENSITIZATION.

EYES: IRRITATION OR BURNING. SKIN: IRRITATION W/DISCOMFORT & DERMATITIS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INGESTION: GASTROINTESTINAL DISTRESS.

INHALATION: PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. EYES:

IRRITATION OR BURNING. SKIN: IRRITATION W/DISCOMFORT & DERMATITIS.

Medical Cond Aggravated by Exposure:LUNG & BREATHING PROBLEMS

First Aid

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

Fire Fighting

Flash Point Method:CC

Flash Point:73-100F

Lower Limits: 0.9%

Upper Limits: 23%

Extinguishing Media:WATER SPRAY, FOAM, CO2, DRY CHEMICAL

Fire Fighting Procedures:USE FULL PROTECTIVE EQUIP & SCBA. USE WATER FROM FOG NOZZLES TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD UP.

Unusual Fire/Explosion Hazard:WHEN HEATED ABOVE FLASH POINT, EMITS FLAMMABEL VAPORS, WHEN MIXED W/AIR, CAN BURN OR EXPLODE. FINE MISTS/SPRAYS MAY BE FLAMMABLE AT TEMPS BELOW FLASH POINT.

Accidental Release

Spill Release Procedures:VENTILATE AREA. REMOVE SOURCES OF IGNITION.

CONFINE & REMOVE W/INERT ABSORBENT. DEACTIVATE ISOCYANATE

CONTAINING SPILLS WITH: 20% SURFACTANT (TERGITOL TMN-10) & 80%

WATER OR 0-10% AMMONIA & 2-5% DETER GENT, BALANCE WATER.

Neutralizing Agent:20% SURFACTANT & 80% WATER OR 0-10% AMMONIA, 2-5% DETERGENT, BALANCE WATER.

Handling

Handling and Storage Precautions:OBSERVE LABEL PRECAUTIONS. KEEP AWAY FROM HEAT, SPARKS, & FLAME. CLOSED CONTAINER AFTER EACH USE. GROUND CONTAINERS WHEN POURING. DON'T STORE >120F.

Other Precautions:DON'T SAND, FLAME CUT, BRAZE OR WELD DRY COATING W/O A NIOSH/MSHA APPROVED RESPIRATOR OR APPROPRIATE VENTILATION. DON'T BREATHE VAPORS OR MISTS. DON'T PERMIT ANYONE W/OUT PROTECTION IN THE PAINTING AR EA. AVOID CONTACT W/SKIN.

Exposure Controls

Respiratory Protection:WEAR A POSITIVE PRESSURE, SUPPLIED AIR RESPIRATOR (NIOSH/MSHA TC-19C) WHILE MIXING ACTIVATOR W/ENAMEL, DURING APPLICATION & UNTIL ALL VAPORS & SPRAY MISTS ARE EXHAUSTED.

Ventilation:SUFFICIENT VENTILATION IN VOLUME & PATTERN TO KEEP Protective Gloves:NEOPRENE, COVERALLS

Eye Protection:SPLASH GUARDS, SIDE SHIELDS

Other Protective Equipment:COVERALLS

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

Supplemental Safety and Health

BOILING RANGE: 169-374F. PERCENT VOLATILE BY WEIGHT: 42.8-64.2%

Chemical Properties

Boiling Pt:B.P. Text:SEE SUPP
Vapor Density:>AIR
Evaporation Rate & Reference:SLOWER THAN ETHER
Solubility in Water:MISCIBLE
Percent Volatiles by Volume:61-69%

Stability

Stability Indicator/Materials to Avoid:YES
Stability Condition to Avoid:HEAT, SPARKS, FLAME, TEMPS >120F OR OTHER
SOURCES OF IGNITION
Hazardous Decomposition Products:CO, CO2, SMOKE, OXIDES OF HEAVY METALS

Disposal

Waste Disposal Methods:DON'T ALLOW MATERIAL TO CONTAMINATE GROUND WATER
SYSTEMS. INCINERATE ABSORBED MATERIAL IN ACCORDANCE W/FEDERAL,
STATE & LOCAL REGS. DON'T INCINERATE IN CLOSED CONTAINERS.
FLAMMABLE LIQUID. UN1263

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