548U IMRON POLYURETHANE ENAMEL

MSDS Number

BBNJS

National Stock Number

8010-00F003597

Product Name

548U IMRON POLYURETHANE ENAMEL

Manufacturer

EI DUPONT AUTOMOTIVE PRODS DEPT

Product Identification

Product ID:548U IMRON POLYURETHANE ENAMEL
MSDS Date:02/01/1989
FSC:8010
NIIN:00F003597
MSDS Number: BBNJS

Responsible Party

EI DUPONT/AUTOMOTIVE PRODS DEPT

1007 MARKET ST BRANDYWINE BLDG 3332

WILMINGTON , DE 19898

US

Emergency Phone: (800) 441-3637

Info Phone: (800) 441-7515

Cage: EO478

Contractor

EI DUPONT/AUTOMOTIVE PRODS DEPT

WILMINGTON, DE 19898

US

(800) 441-7515

Cage: EO478

Ingredients

TOLUENE

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 2%

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ETHYL ACETATE

CAS: 141-78-6

RTECS: AH5425000

OSHA PEL1400 MG/CUM

ACGIH TLV: 1400 MG/CUM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

PROPYLENEGLYCOL MONOMETHYL ETHER ACETATE,

CAS: 108-65-6

RTECS: AI8925000

Fraction By Weight: 44%

LEAD SULFOCHROMATE YELLOW, CHROME YELLOW LIGHT *92-2*

CAS: 1344-37-2

Fraction By Weight: 21%

OSHA PEL0.05 MG/CUM PB

ACGIH TLV: 0.05 MG/CUM CR

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

CAS: 80010-53-3

8.25-11.19

RTECS: 9999999WG

3.5-6

RTECS: 9999999VO

Hazards

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

First Aid

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

Fire Fighting

Flash Point Method:CC
Flash Point:20-73F
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 FLAMMABLE VAPORS, WHEN MIXED W/AIR, CAN BURN/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% DETERG ENT, BALANCE WATER.
Neutralizing Agent:20% SUFACTANT & 80% WATER OR 0-19% AMMONIA, 2-5% DETERGENT, BALANCE WATER

Handling

Handling and Storage Precautions:OBSERVE LABEL PRECAUTIONS. KEEP AWAY FROM HEAT, SPARKS & FLAME. CLOSE 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/OUT A NIOSH/MSHA APPROVED RESPIRATOR OR APPROPRIATE VENTILATION. DON'T BREATHE VAPORS OR MITS. DON'T PERMIT ANYONE W/OUT PROTECTION IN THE PAINTING A REA. 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
Eye Protection:SPLASH GUARDS OR SIDESHIELDS
Other Protective Equipment:COVEALLS
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING & BEFORE EATING OR SMOKING.
Supplemental Safety and Health
BOILING RANGE: 169-374F. PERCENT VOLATIVE 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, OPEN 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 WITH FEDERAL, STATE AND LOCAL REQUIREMENTS. DON'T INCINERATE IN CLOSED CONTAINERS. FLAMMABLE LIQUID UN1263

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