

547U IMRON POLYURETHANE ENAMEL

MSDS Number

BBNJR

National Stock Number

8010-00F003596

Product Name

547U IMRON POLYURETHANE ENAMEL

Manufacturer

EI DUPONT AUTOMOTIVE PRODS DEPT

Product Identification

Product ID:547U IMRON POLYURETHANE ENAMEL

MSDS Date:02/01/1989

FSC:8010

NIIN:00F003596

MSDS Number: BBNJR

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: 38%

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

CAS: 80010-53-3

MOLYBDATE ORANGE; LEAD CHROMATE MOLYBDATE SULFATE RED (A1

CAS: 12656-85-8

RTECS: QA4660000

Fraction By Weight: 32%

OSHA PEL5 MG/CUM

ACGIH TLV: 5 MG/CUM

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:YES 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:LEAD CHROMATE MOLYBDATE IS A SUSPECTED

A1 HUMAN CARCINOGEN.

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 BUILDUP.

Unusual Fire/Explosion Hazard:WHEN HEATED ABOVE THE 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 ABSORBANT. DEACTIVATE CONTAINING SPILLS WITH: 20% SURFACTANT (TERGITOL TMN-10) 80% WATER OR 0-10% AMMONIA, 2-5% DETERGENT & 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. 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. AVOID BREATHING VAPORS OR MISTS. DON'T PERMIT ANYONE W/OUT PROTECTION IN THE PAINTING AREA. 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 IN VOLUME & PATTERN TO KEEP Protective Gloves:NEOPRENE

Eye Protection:SPLASH GUARDS OR 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, 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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