

14-907, DURA CLAD EPOXY MODIFIED ENAMEL (SU

MSDS Number

BPDPP

National Stock Number

8010-00N030088

Product Name

14-907, DURA CLAD EPOXY MODIFIED ENAMEL (SU

Manufacturer

DURON INC

Product Identification

Product ID:14-907, DURA CLAD EPOXY MODIFIED ENAMEL (SU

MSDS Date:07/12/1990

FSC:8010

NIIN:00N030088

MSDS Number: BPDPP

Responsible Party

DURON INC

10406 TUCKER ST

BELTSVILLE , MD 20706-2297

US

Emergency Phone: 800-228-5636

Info Phone: 301-937-4600

Preparer: THOMAS BRICE

Cage: 75734

Contractor

DURON INC AMERICAN DIV

BELTSVILLE, MD 20705-2201

US

301-937-4600

Cage: 55652

Ingredients

SIGNIFICANT IMPLICATIONS FOR HUMANS @/BELOW

RTECS: 9999999ZZ

CAN CAUSE SEV

RTECS: 9999999ZZ

GI IRRIT, NAUS, VOMIT & DIARR. ASPIR OF MATL INTO

RTECS: 9999999ZZ

CONCS (>1000PPM) ARE IRRITATING TO EYES/RESP TRACT,

RTECS: 9999999ZZ

EFTS INCL DEATH. IN AN INHAL STUDY, EVIDENCE OF LUNG
RTECS: 9999999ZZ

MALE RATS & 13 OUT OF 74 FEMALE RATS AFTER THEY WERE
RTECS: 9999999ZZ

OCCURS SPONT, KEEP HEAD BELOW HIPS TO PVNT
RTECS: 9999999ZZ

IMPOUNDING. ASSURE CONFORMITY W/APPLIC FED, ST &
RTECS: 9999999ZZ

COMBUSTIBLE VAPORS FROM ABSORBED MATERIAL.
RTECS: 9999999ZZ

CALCIUM CARBONATE
CAS: 1317-65-3
RTECS: EV9580000
Fraction By Weight:
OSHA PEL15MG/M3 TDUST;5RDUST
ACGIH TLV: 10 MG/M3 TDUST

CLAY (KAOLIN)
CAS: 1332-58-7
RTECS: GF1670500
Fraction By Weight: 2.0-6.8%
OSHA PEL15 MG/M3 TDUST
ACGIH TLV: 2 MG/M3 TDUST; 9293

STODDARD SOLVENT
CAS: 8052-41-3
RTECS: WJ8925000
Fraction By Weight: 36.6-40%
OSHA PEL500 PPM
ACGIH TLV: 100 PPM; 9293

SYNTHETIC RESIN; (SYNTHETIC RESIN COMPLEX)
Fraction By Weight: 31.0-32%

CAS: 13463-67-7

RTECS: XR2275000

Fraction By Weight: INGRED

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

CONTR (EVEN EMPTY) BECAUSE VAPORS MAY IGNITE.

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:LD50:(ORAL,RAT)>5 G/KG

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

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

Health Hazards Acute and Chronic:INHAL:EXCESS INHAL OF VAP CAN CAUSE NASAL & RESP IRRIT, DIZZ, WEAK, FATG, NAUS, HDCH. HIGH VAP CONC MAY RSLT IN CNS DEPRESS. LAB ANIMAL STUDIES HAVE SHOWN THAT PRLNG & RPTD INHAL EXPOS TO LIGHT HYDROC ARBON VAP IN SAME NAPHTHA BOILING RANGEAS PROD CAN PRDCE ADVERSE KIDNEY EFTS IN MALE RATS. HOWEVER, (EFTS OF OVEREXP)

Explanation of Carcinogenicity:CRYSTALLINE SILICA: GROUP 2A (IARC), GROUP 2(NTP)

Effects of Overexposure:HLTH HAZ: THESE EFTS WERE NOT OBSERVED IN SIMILAR STUDIES W/FEMALE RATS & MALE MICE & IN LIM STUDIES W/OTHER ANIMAL SPECIES. ADDTNL, IN NUMBER OF HUMAN STUDIES, THERE WAS NO CLINICAL EVIDENCE OF SUCH EFTS @ NORM OCCUP LEVELS. IT IS THEREFORE HIGHLY UNLIKELY THAT KIDNEY EFTS OBSERVED IN MALE RATS HAVE (ING 7)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:INHAL: REMOVE TO FRESH AIR & PROVIDE O*2 IF BRTHG IS DFCLT. IF BRTHG STOPS, BEGIN ARTF RESP & SEEK IMMED MED ATTN. SKIN: REMOVE CONTAMD CLTHG/SHOES. FLUSH W/H*20. FOLLOW BY WASH W/SOAP/H*20. IF IRRIT OCCURS, GET MED ATTN. DO NOT REUSE CLTHG UNTIL CLEANED. EYES: FLUSH W/CLEAN H*20 FOR @ LST 15 MIN/UNTIL IRRIT SUBSIDES. IF IRRIT PERSISTS, CALL PHYS. INGEST:DO NOT INDUCE VOMIT. IF VOMIT (ING 13)

Fire Fighting

Flash Point Method:TCC

Flash Point:104F,40C

Lower Limits:0.95

Upper Limits:6%

Extinguishing Media:USE DRY CHEM, FOAM/CO2. H2O MAY BE INEFTIVE, BUT H2O SHOULD BE USED TO KEEP FIRE-EXPOS CONTR COOL. IF (SUPP DATA)

Fire Fighting Procedures:NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP. H2O MAY BE UNSUITABLE AS AN EXTING MEDIA, BUT HELPFUL IN KEEPING ADJACENT CONTR COOL. AVOID (SUPP DATA)

Unusual Fire/Explosion Hazard:VAP ARE HVR/AIR & MAY TRAVEL ALONG GROUND/BE MOVED BY VENT & IGNITED BY HEAT/PILOT LIGHTS, OTHER FLAME & IGNIT SOURCES @ LOCATIONS DISTANT FROM HNDLG(SUPP DATA)

Accidental Release

Spill Release Procedures:ELIMINATE ALL IGNIT SOURCES (FLARES, FLAMES INCL PILOT LIGHTS, ELEC SPARKS). RECOVER FREE PROD. ADD SAND, EARTH/OTHER SUITABLE ABSORB TO SPILL AREA. MINIMIZE SKIN CONT. VENT CONFINED SPACES. KEEP PRO D OUT OF SEWERS & WATERCOURSES BY DIKING/ (ING 14)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

Exposure Controls

Respiratory Protection:THE USE OF RESPIRATORY PROTECTION DEPENDS ON VAPOR CONCENTRATION ABOVE TIME WEIGHTED TLV; USE NIOSH/MSHA APPROVED RESPIRATOR.

Ventilation:PROVIDE SUFFICIENT MECHANICAL(GEN) AND/OR LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW TLV.

Protective Gloves:CHEMICAL RESISTANT PLASTIC OR RUBBER.

Eye Protection:CHEM WORK GOG OR FULL LENGH FSHLD.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:DO NOT EAT, DRINK OR SMOKE WHILE USING PRODUCT. THOROUGHLY WASH HANDS BEFORE EATING OR SMOKING.

Supplemental Safety and Health

MFR TRADE NAME/PART NO: PAINT MIDTONE BASE. EXTING MEDIA:LEAK/SPILL HAS IGNITED, USE H₂O SPRAY TO DISPERSE VAP & TO PROTECT MEN ATTEMPTING TO STOP LEAK. MINIMIZE BRTHG GASES, VAP, FUMES/DECOMP PROD. FIRE FIGHT PROC:SPREAD BURN LIQ W/H₂O USED FOR COOLING. EXPLO HAZ:POINT. NEVER USE WELD/CUTTING TORCH ON/NEAR (ING 6)

Chemical Properties

HCC:F4

Vapor Pres:2@20F

Vapor Density:4.9

Evaporation Rate & Reference:0.1(BUTYL ACETATE=1)

Solubility in Water:NEGLIG: Appearance and Odor:VISCOUS LIQUID.

Percent Volatiles by Volume:58.9

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ACIDS OR BASES AND SELECTED AMINES.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:THERMAL DECOMPOSITION IN PRESENCE OF AIR MAY YIELD CO AND/OR CO₂.

Disposal

Waste Disposal Methods:DISPOSE OF PRODUCT IN ACCORDANCE WITH APPLICABLE LOCAL, COUNTY, STATE AND FEDERAL REGULATIONS.

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