

DURA CLAD URETHANE MODIFIED GLOSS ENAMEL (S

MSDS Number

BMRFZ

National Stock Number

8010-00N025928

Product Name

DURA CLAD URETHANE MODIFIED GLOSS ENAMEL (S

Manufacturer

DURON INC

Product Identification

Product ID:DURA CLAD URETHANE MODIFIED GLOSS ENAMEL (S

MSDS Date:07/12/1990

FSC:8010

NIIN:00N025928

MSDS Number: BMRFZ

Responsible Party

DURON INC

10406 TUCKER ST

BELTSVILLE , MD 20705-2297

US

Emergency Phone: 800-228-5635

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

OF LIQUID INTO LUNGS. GET MEDICAL ATTENTION.

RTECS: 9999999ZZ

BY DIKING/IMPOUNDING. ASSURE CONFORMITY

RTECS: 9999999ZZ

TO OBSERVE PRECAUTIONS FOR VOLATILE, COMBUSTIBLE

RTECS: 9999999ZZ

INDUCE VOMITING.. IF VOMITING OCCURS

RTECS: 9999999ZZ

CALCIUM CARBONATE

CAS: 1317-65-3

RTECS: EV9580000

Fraction By Weight:

OSHA PEL15 MG/M3TDUST;5 RESP

ACGIH TLV: 10 MG/M3 TDUST

KAOLIN

CAS: 1332-58-7

RTECS: GF1670500

Fraction By Weight: 2-5.8%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 2 MG/M3 TDUST; 9293

STODDARD SOLVENT

CAS: 8052-41-3

RTECS: WJ8925000

Fraction By Weight: 37-43.6%

OSHA PEL500 PPM

ACGIH TLV: 100 PPM; 9293

SYNTHETIC RESIN; (SYNTHETIC RESIN COMPLEX).

Fraction By Weight: 31-36.3%

TITANIUM OXIDE; (TITANIUM DIOXIDE)

CAS: 13463-67-7

RTECS: XR2275000

Fraction By Weight: 3.5-27%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

NEAR CNTNR (EVEN EMPTY) BECAUSE VAPORS MAY

RTECS: 9999999ZZ

BE MINIMALIZED. AT 250 MG/M3 (50 TIMES

RTECS: 9999999ZZ

MALIGNANT TUMORS WHEN EXPOSED TO TITANIUM DIOXIDE.

RTECS: 9999999ZZ

NON-CANCEROUS LUNG DISEASE.

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:INHAL: EXCESS INHAL OF VAPS CAN CAUSE NASAL & RESP IRRIT, DIZZ, WEAKNESS, FATIGUE, NAUS, HDCH. HIGH VAP CONCS MAY RESULT IN CNS DEPRESS. SKIN: PRLNG/RPTD CONTACT CAN CAUSE MODERATE IRRIT, DEFATTING &/ DERMAT. EYES: CAN CAUSE SEVERE IRRIT, REDNESS, TEARING, BLURRED VISION. INGEST:CAN CAUSE GI IRRIT, NAUS(EFTS OF OVEREXP)

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

Effects of Overexposure:HLTH HAZ: VOMIT & DIARRHEA. ASPIR OF MATL INTO LUNGS CAN CAUSE CHEM PNEUM WHICH CAN BE FATAL. PROD IS JUDGED TO HAVE AN ACUTE ORAL LD50 >5 G/KG OF BODY WEIGHT. STUDIES HAVE SHOWN THAT MANY PETROLEUM H YDROCARBONS & SYNTHETIC LUBRICANTS POSE POTNTL HUMAN HLTH RISKS. EXPOS TO LIQS, VAPS, MISTS OR FUMES SHLD (ING 7) Medical Cond Aggravated by Exposure:HIGH VAPOR CONCENTRATIONS (>1000 PPM) ARE IRRITATING TO EYES & RESPIRATORY TRACT, MAY CAUSE HEADACHES & DIZZINESS, ARE ANESTHETIC, AND MAY HAVE OTHER CENTRAL NERVOUS SYSTEM EFFECTS INCLUDING DEATH.

First Aid

First Aid:INHAL: REMOVE VICTIM 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 SKIN W/WATER. FOLLOW BY WASHING W/SOAP & WATER. IF IRRIT OCCURS, GET MED ATTN. DO NOT REUSE CLTHG UNTIL CLEANED. EYES: FLUSH W/CLEAR WATER FOR AT LEAST 15 MIN/UNTIL IRRIT SUBSIDES. IF IRRIT PERSISTS, CALL MD. INGEST: DO NOT (ING 10)

Fire Fighting

Flash Point Method:TCC

Flash Point:104F,40C

Lower Limits:0.9%

Upper Limits:6.0%

Extinguishing Media:DRY CHEM, FOAM OR CO*2. WATER MAY BE INEFTIVE, BUT WATER SHLD BE USED TO KEEP FIRE-EXPO CNTNRS COOL. IF LEAK (SUPP DATA)

Fire Fighting Procedures:NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP .

WATER MAY BE UNSUITABLE AS AN EXTING MEDIA, BUT HELPFUL IN KEEPING ADJACENT CNTNRS COOL. AVOID (SUPP DATA)

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

Accidental Release

Spill Release Procedures:ELIM ALL IGNIT SOURCES (FLARES, FLAMES INCLUDING PILOT LIGHTS, ELECT SPARKS). RECOVER FREE PROD. ADD SAND, EARTH/OTHER SUITABLE ABSORB TO SPILL AREA. MINIMIZE SKIN CONTACT. VENT CONFINED SPACES. KEEP PROD OUT OF SEWERS & WATERCOURSES (ING 12)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.

Other Precautions:PIGMENT DUST WOULD NOT NORMALLY BE ENCOUNTERED WHEN HANDLING A PACKAGED PAINT PRODUCT CONTAINING PRE-WETTED PIGMENT. PROPER RESPIRATORY PROTECTION SHOULD BE WORN WHEN SANDING A DRIED PAINT FILM DUE TO THE PRESENCE OF CRYSTALLINE SILICA.

Exposure Controls

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

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL) &/LOCAL EXHAUST

VENTILATION TO MAINTAIN EXPOSURE BELOW TLV.
Protective Gloves:CHEMICAL RESIST PLASTIC/RUBBER GLOVES.
Eye Protection:CHEMICAL WORKERS GOGGLES .
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:DO NOT EAT, DRINK OR SMOKE WHILE USING THIS PRODUCT. THOROUGHLY WASH HANDS BEFORE EATING OR SMOKING.
Supplemental Safety and Health
PART NAME/TRADE #: PAINT, DEEP BASE 12-913. EXT MEDIA: OR SPILL HAS
IGNIT, USE WATER SPRAY TO DISPERSE VAPS & PROT MEN ATTEMPTING TO
STOP LEAK. MIN BRTHG GASES, VAPS, FUMES/DECOMP PRODS. FIRE FIGHT PR
OC: SPREADING BURNING LIQ W/WATER USED FOR COOLING. EXPLO HAZ:
HNDLG PT. NEVER USE WELDING/CUTTING TORCH ON/ (ING 6)

Chemical Properties

HCC:F4
Vapor Pres:2 @ 20F
Vapor Density:4.9(AIR=1)
Evaporation Rate & Reference:0.1 (BUTYL ACETATE=1)
Solubility in Water:Appearance and Odor:VISCOUS LIQUID W/HYDROCARBON ODOR.

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:THERM DECOMP IN THE PRESENCE OF AIR
MAY YIELD CO AND/OR CO*2.

Disposal

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

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