GLIDDEN COMPANY -- 1228 FLAT BLACK RUSTMASTER ENAMEL -- 8010-00F002911

Product Identification

Product ID: 1228 FLAT BLACK RUSTMASTER ENAMEL
MSDS Date: 10/10/1994
FSC: 8010
NIIN: 00F002911
MSDS Number: BXKDG

Responsible Party

Company Name: GLIDDEN COMPANY
Address: 925 EUCLID AVENUE
City: CLEVELAND
State: OH
ZIP: 44115-5000
Country: US
Info Phone Num: 216-344-8000/800-634-0015
Emergency Phone Num: 800-545-2643/216-344-8049
CAGE: 01PD6

Contractor Identification

Company Name: GLIDDEN PAINT, ICI PAINTS NORTH AMERICA
Address: 925 EUCLID AVE
Box: City: CLEVELAND
State: OH
ZIP: 44115
Country: US
Phone: 800-545-2643/216-344-8207
CAGE: 01PD6

Composition/Information on Ingredients

Ingred Name: SOLVENT NAPHTHA, PETROLEUM, LIGHT AROMATIC, HIGH FLASH AROMATIC NAPHTHA *
95-2*
CAS: 64742-95-6
RTECS #: WF3400000
Fraction by Wt: 1-5%

Ingred Name: ACETONE; DIMETHYL KETONE; 2-PROPANONE
CAS: 67-64-1
RTECS #: AL3150000
Fraction by Wt: 40-50%
OSHA PEL: 2400 MG/CUM
ACGIH TLV: 750 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Ingred Name: 2-BUTANONE (METHYL ETHYL KETONE) (MEK)
CAS: 78-93-3
RTECS #: EL6475000
Fraction by Wt: 1-5%
Other REC Limits: 590 MG/CUM
OSHA PEL: 200 PPM
ACGIH TLV: 590 MG/CUM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS
Ingred Name: TALL OIL FATTY ACIDS, TRIMETHYLOLPROPANE, PENTAERYTHRITOL, PHTHALIC ANHYDRIDE POLYMER
   CAS:67762-04-3
   Fraction by Wt: 5-10%

Ingred Name: BENZENE (SUSPECTED HUMAN CARC BY ACGIH, IARC, ANIMAL CARCINOGEN BY IARC, CARCINOGEN BY NTP - IARC GROUP 1) *95-2*
   CAS:71-43-2
   RTECS #:CY1400000
   Fraction by Wt: 0-0.1%
   Other REC Limits:16 MG/CUM
   ACGIH TLV:0.3 MG/CUM (A2) IC
   EPA Rpt Qty:10 LBS
   DOT Rpt Qty:10 LBS

Ingred Name: BUTANE, N-BUTANE
   CAS:106-97-8
   RTECS #:EJ4200000
   Fraction by Wt: 1-5%
   Other REC Limits:800 PPM
   OSHA PEL:800 PPM
   ACGIH TLV:1900 MG/CUM

Ingred Name: ISOButane, 2-METHYLPROPANE
   CAS:75-28-5
   RTECS #:TZ4300000
   Fraction by Wt: 1-5%
   Other REC Limits:1000 PPM
   OSHA PEL:1800 MG/CUM
   ACGIH TLV:1000 PPM

Ingred Name: PROPANE
   CAS:74-98-6
   RTECS #:TX2275000
   Fraction by Wt: 10-20%
   Other REC Limits:1800 MG/CUM
   OSHA PEL:1000 PPM
   ACGIH TLV:SIMPLE ASPHYXIANT

Ingred Name: VOL ORGANIC CMPD: 752.34 GM/L
   RTECS #:9999999VO

Ingred Name: ETHANOL (ETHYL ALCOHOL), TECSOL, ALCOHOL
   CAS:64-17-5
   RTECS #:KQ6300000
   Fraction by Wt: 1-5%
   Other REC Limits:1900 MG/CUM
   OSHA PEL:1000 PPM
   ACGIH TLV:1000 PPM

Ingred Name: XYLENE, DIMETHYLBENZENE, XYLOL (IARC - GROUP 3) *95-2*
   CAS:1330-20-7
   RTECS #:ZE2100000
   Fraction by Wt: 10-20%
   Other REC Limits:100 PPM
   OSHA PEL:100 PPM
   ACGIH TLV:100 PPM, SKIN
   EPA Rpt Qty:1000 LBS
   DOT Rpt Qty:1000 LBS
Ingred Name: ETHYL BENZENE  *95-2*
CAS:100-41-4
RTECS #: DA0700000
Other REC Limits: 100 PPM
Fraction by Wt: 1-5%
OSHA PEL: 435 MG/CUM
ACGIH TLV: 434 MG/CUM
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

=====================  Hazards Identification  =====================

Routes of Entry: Inhalation: YES  Skin: YES  Ingestion: YES
Reports of Carcinogenicity: NTP: YES  IARC: YES  OSHA: NO
Health Hazards Acute and Chronic: INHALATION: RESPIRATORY TRACT & MUCOUS
MEMBRANE IRRITANT/CNS DEPRESSION/RESPIRATORY PROBLEMS/ANESTHETIC
EFFECTS/BRONCHITIS/ABNORMAL BLOOD PRESSURE/LIVER-KIDNEY
DAMAGE/PNEUMOCONIOSIS/RESPIRATORY FAILURE/ASPHYXIATION/DEATH.
SKIN: IRRITANT/DERMATITIS/ABSORPTION. EYES:
IRRITANT/CONJUNCTIVITIS/CORNEAL INJURY/BLINDNESS(SUPP)
Explanation of Carcinogenicity: SEE INGREDIENTS. ACCORDING TO GLIDDEN,
BENZENE IS REGULATED BY OSHA AS A CARCINOGEN.
Effects of Overexposure: IRRITATION/LOSS OF
APPETITE/FATIGUE/DROWSINESS/DIZZINESS/LIGHTHEADEDNESS/HEADACHE/UNCO
ORDINATION/NAUSEA/VOMITING/DIARRHEA/CHEST PAIN/BLURRED
VISION/FLU-LIKE SYMPTOMS/COUGHING/SNEEZING/DIFFICULTY BREAT
HING/FEVER/CHILLS/TREMORS/CONVULSIONS/LOSS OF
CONSCIOUSNESS/ASPHYXIATION/DEFATTING/BLISTERING/TEARING/REDNESS/NAR
COSIS.
Medical Cond Aggravated by Exposure: EYE, SKIN, RESPIRATORY & LUNG
DISORDERS. ASTHMA-LIKE CONDITIONS, KIDNEY/LIVER/NERVOUS SYSTEM
DISORDERS.

======================  First Aid Measures  =======================

First Aid: INHALATION: REMOVE TO FRESH AIR. RESTORE & SUPPORT CONTINUED
BREATHING. HAVE TRAINED PERSON GIVE OXYGEN. SKIN: FLUSH W/WATER,
THEN WASH THOROUGHLY W/SOAP & WATER. EYES: FLUSH IMMEDIATELY
W/LARGE AMOUNTS OF WATER FOR 15 MINS. OBTAIN MEDICAL ATTENTION IN
ALL CASES.

====================  Fire Fighting Measures  =====================

Flash Point: 1F
Extinguishing Media: DRY CHEMICAL/FOAM, WATER FOG, CO2
Fire Fighting Procedures: WATER MAY BE USED TO COOL/PROTECT EXPOSED
CONTAINERS. USE FULL PROTECTIVE CLOTHING, EYE PROTECTION & SELF
CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard: CLOSED CONTAINERS MAY EXPLODE/BURST WHEN
EXPOSED TO EXTREME HEAT/FIRE. VAPORS MAY EXPLODE AT AMBIENT
TEMPS/FORM EXPLOSIVE MIXTURES W/AIR AT ELEVATED TEMPS.(SUPP

======================  Accidental Release Measures  =======================

Spill Release Procedures: ELIMINATE IGNITION SOURCES. VENTILATE
W/EXPLOSION-PROOF EQUIPMENT/EVACUATE AREA. COLLECT W/ABSORBENT, USE
NON-SPARKING TOOLS. PLACE IN PROPER CONTAINER. SHOUT OFF LEAK
SAFELY. DIKE/CONTAIN/PUMP TO STORAGE/SALVAGE VESSELS.

====================== Handling and Storage  =======================
Handling and Storage Precautions: STORE <80°F. KEEP CONTAINERS TIGHTLY CLOSED/UPRIGHT WHEN NOT IN USE & AWAY FROM IGNITION SOURCES. USE W/ADEQUATE VENTILATION. DON'T TAKE INTERNALLY.

Other Precautions: KEEP OUT OF REACH OF CHILDREN. AVOID CONTACT/SKIN/EYES & BREATHING VAPORS. AVOID CONDITIONS WHICH FORMS INHALABLE PARTICLES. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING & INHALING THE CONTENTS MAY BE HARMFUL/FATAL.

======= Exposure Controls/Personal Protection =======


Ventilation: DILUTION/LOCAL EXHAUST TO PREVENT BUILD-UP OF VAPORS. USE EXPLOSION PROOF NON-SPARKING EQUIPMENT.

Protective Gloves: IMPERVIOUS
Eye Protection: SAFETY GLASSES/GOGGLES/FACE SHIELD
Other Protective Equipment: EYE WASH, SAFETY SHOWER, IMPERVIOUS CLOTHING, APRON, BOOTS

Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. REMOVE/DISPOSE OF CONTAMINATED SHOES. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

HEALTH HAZ CONT'D: INGESTION: LUNG DAMAGE DUE TO ASPIRATION INTO LUNGS/MOUTH-THROAT-MUCOUS MEMBRANE IRRITANT/CNS DEPRESSION/ANESTHETIC EFFECT/ABNORMAL BLOOD PRESSURE/LIVER-KIDNEY DAMAGE/PULMONARY EDEMA/BLINDNESS/PARALYSIS/DEATH. FIRE HAZ CONT'D: VAPORS >AIR/MAY TRAVEL TO DISTANT IGNITION SOURCE & FLASHBACK.

============= Physical/Chemical Properties =============

Boiling Pt: B.P. Text: 11-418F
Appearance and Odor: FLAT BLACK
Percent Volatiles by Volume: 99.48

============== Stability and Reactivity Data ===============

Stability Indicator/Materials to Avoid: YES
OXIDIZERS/ACIDS/REDUCING AGENTS/BASES/ALDEHYDES/ALKYL HALIDES/ISOCYANATES/HALOGENS/AMINES/METALS/SALTS

Stability Condition to Avoid: ELEVATED TEMPS, MOISTURE, HEAT, SPARKS, OPEN FLAME & OTHER IGNITION SOURCES


============== Disposal Considerations ===============

Waste Disposal Methods: AVOID DISCHARGE TO SEWERS/NATURAL WATERS.
DISPOSE OF IAW/LOCAL, STATE & FEDERAL REGULATIONS. EMPTY CONTAINERS MAY CONTAIN HAZARDOUS RESIDUES. GROUND EQUIPMENT WHEN TRANSFERRING TO PREVENT ACCUMULATION OF STATIC CHARGE.

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