Product Identification

MSDS NAME: 81882, COLOR GUARD TOUGH RUBBER COATING-CLE
NIIN: 00N031264
MSDS Number: BPJWF

Responsible Party

Company: PERMATEX INDUSTRIAL CORP
Address: 705 NORTH MOUNTAIN RD
City: NEWINGTON
State: CT
ZIP: 06111
Country: US
Info Phone Num: 203-278-1280
Emergency Phone Num: 203-278-1280
Preparer's Name: STEPHEN REPETTO
CAGE: 62377

Contractor Identification

Company: PERMATEX INDUSTRIAL
Address: HARTFORD SQUARE N 10 COLUMBUS BLVD
Box: City: HARTFORD
State: CT
ZIP: 06106
Country: US
Phone: 877-376-2839
CAGE: 62377

Composition/Information on Ingredients

- **Name:** BENZIN; (VM&P NAPHTHA)
  - CAS: 8030-30-6
  - RTECS #: DE3030000
  - Fraction by Wt: 40-45%
  - OSHA PEL: 300 PPM; 400 PPM STEL
  - ACGIH TLV: 300 PPM

- **Name:** THERMOPLASTIC RUBBER
  - CAS: 66070-58-4
  - Fraction by Wt: 20-25%

- **Name:** ETHANE, 1,1,1-TRICHLORO-; (METHYL CHLOROFORM) (SARA III)
  - CAS: 71-55-6
  - RTECS #: KJ2975000
  - Fraction by Wt: 20-25%
  - OSHA PEL: 350 PPM; 450 PPM STEL
  - ACGIH TLV: 350 PPM; 450 PPM STEL
  - EPA Rpt Qty: 1000 LBS
  - DOT Rpt Qty: 1000 LBS
  - Ozone Depleting Chemical: 1

- **Name:** TOLUENE (SARA III)
  - CAS: 108-88-3
  - RTECS #: XS5250000
  - Fraction by Wt: 10-15%
  - OSHA PEL: 1200 PPM/150 STEL
  - ACGIH TLV: 50 PPM; 9293
  - EPA Rpt Qty: 1000 LBS
  - DOT Rpt Qty: 1000 LBS

Hazards Identification

LD50 LC50 Mixture: LD50: (ORAL, RAT) > 5000 MG/KG
Routes of Entry: Inhalation: YES  Skin: NO  Ingestion: YES
Reports of Carcinogenicity: NTP: NO  IARC: NO  OSHA: NO
Health Hazards Acute and Chronic: MILD SKIN & EYE IRRIT. TOLUENE (108-88-3) APPEARS ON THE NAVY LISTING OF OCCUP REPRODUCTIVE HAZARDS. SEEK CONSULTATIONS FROM APPROP HLTH PROFESSIONALS CONCERNING LATEST HAZ LIST INFORMATION & SAFE HLING & EXPOSURE RECOMMENDATIONS. CHLOROCARBON MATLS HAVE PRODUCED SENSIT OF THE MYOCARDIUM TO (EFTS OF OVEREXP)

Explanation of Carcinogenicity: NOT RELEVANT

Effects of Overexposure: HLTH HAZ: EPINEPHRINE IN LAB ANIMALS & COULD HAVE A SIMILAR EFFECT IN HUMANS. ADRENOMIMETICS. (E.G., EPINEPHRINE) MAY BE CONTRAINDICATED EXCEPT FOR LIFE-SUSTAINING USES IN HUMANS ACUTELY/ CHRONICALLY EXPOSED TO CHLOROCARBONS. ANESTHESIA, HDCH, NAUS, DIZZ, FATIGUE, DROWSINESS, IRREGULAR HEARTBEAT, SKIN & EYE IRRIT.

Medical Cond Aggravated by Exposure: TOLUENE/1,1,1 TRICHLOROETHANE: EYE, LIVER, SKIN, HEART, RESPIRATORY, AND CENTRAL NERVOUS SYSTEM DISEASE, AND ALCOHOLISM.

--------------------------- First Aid Measures ---------------------------

First Aid: INGEST: DO NOT INDUCE VOMITING. KEEP INDIVIDUAL CALM. OBTAIN MEDICAL ATTENTION. INHAL: REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, OBTAIN MEDICAL ATTENTION. ADMINISTER OXYGEN OR ARTIFICIAL RESPIRATION IF NECESSARY. SKIN: WASH WITH SOAP AND WATER. EYE: FLUSH AT LEAST 15 MIN WITH WATER. OBTAIN MEDICAL ATTENTION.

--------------------------- Fire Fighting Measures ---------------------------

Flash Point Method: TCC
Flash Point: 28.0F, -2.2C
Lower Limits: 1.1%
Upper Limits: 10.5%
Extinguishing Media: CARBON DIOXIDE, FOAM, DRY CHEMICAL.
Fire Fighting Procedures: WEAR NIOSH/MSHA APPROVED PRESSURE DEMAND SCBA AND FULL PROTECTIVE EQUIPMENT WHEN CONFRONTED WITH LARGE FIRES.

Unusual Fire/Explosion Hazard: THIS MATERIAL IS FLAMMABLE AND MAY BE IGNITED BY HEAT, SPARKS, FLAME OR STATIC ELECTRICITY. THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE HCL AND PHOSGENE.

--------------------------- Accidental Release Measures ---------------------------

Spill Release Procedures: REMOVE SOURCES OF IGNITION. MAINTAIN ADEQUATE VENTILATION. SOAK UP WITH AN INERT ABSORBENT. STORE IN A CLOSED CONTAINER UNTIL DISPOSAL.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

--------------------------- Handling and Storage ---------------------------

Handling and Storage Precautions: STORE BELOW 120F IN CLOSED CONTAINERS TO PRESERVE SHELF LIFE. KEEP AWAY FROM EYES. AVOID PROLONGED BREATHING OF VAPORS OR PROLONGED SKIN CONTACT.

Other Precautions: KEEP AWAY FROM SPARKS, FLAMES, OR HIGH HEAT SOURCES. DO NOT SMOKE IN AREA OF USE. DO NOT USE IN THE GENERAL VICINITY OF ARC WELDING, OPEN FLAMES OR HOT SURFACES. HEAT & OR UV RADIATION MAY CAUSE THE FORMATION OF HCL AND PHOSGENE.

--------------------------- Exposure Controls/Personal Protection ---------------------------

Respiratory Protection: NIOSH/MSHA APPROVED ORGANIC VAPOR CARTRIDGE RESPIRATOR IF INDICATED.

Ventilation: SUFFICIENT TO MAINTAIN VAPOR CONCENTRATION BELOW TLV.

Protective Gloves: IMPERVIOUS RUBBER OR PLASTIC.

Eye Protection: CHEMICAL WORKERS GOGGLES.

Other Protective Equipment: IMPERVIOUS CLOTHING OR BOOTS AS NEEDED.
Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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

HCC: F3
Boiling Pt: B.P. Text: >162F, >72C
Vapor Pres: 55 @ 20C
Vapor Density: 4.6
Spec Gravity: 0.93
Evaporation Rate & Reference: 35 (ETHER=1)
Solubility in Water: INSOLUBLE
Appearance and Odor: CLEAR LIQUID, MODERATE ODOR.
Percent Volatiles by Volume: 55

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

Stability Indicator/Materials to Avoid: YES
STRONG ACIDS, BASES, OXIDIZING AGENTS, SELECTED AMINES, CHEMICALLY
ACTIVE METALS AND POWDERS.
Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products: OXIDES OF CARBON, POSSIBLY HYDROGEN
CHLORIDE AND CARBONYL CHLORIDE. PHOSGENE.

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

Waste Disposal Methods: INCINERATE FOLLOWING EPA AND LOCAL REGULATIONS.
DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL
REGULATIONS.

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