P D I -- PLASTIC DIP INSULATING COMPOUND, ELECT. - INSULATING COMPOUND, ELECTRICAL
MATERIAL SAFETY DATA SHEET
NSN: 5970010380592
Manufacturer's CAGE: 55638
Part No. Indicator: A
Part Number/Trade Name: PLASTIC DIP INSULATING COMPOUND, ELECT.
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General Information
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Item Name: INSULATING COMPOUND, ELECTRICAL
Company's Name: P.D.I., INCORPORATED
Company's Street: 3760 FLOWERFIELD ROAD
Company's City: BLAINE
Company's State: MN
Company's Country: US
Company's Zip Code: 55434
Company's Emerg Ph #: 612-785-2156
Company's Info Ph #: 612-785-2156
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 002
Status: SMU
Date MSDS Prepared: 01JUN99
Safety Data Review Date: 21MAY96
Supply Item Manager: CX
MSDS Preparer's Name: STEVE CARTER
MSDS Serial Number: BGGWG
Specification Number: NONE
Spec Type, Grade, Class: NONE
Hazard Characteristic Code: F5
Unit Of Issue: CN
Unit Of Issue Container Qty: 1
Type Of Container: CAN
Net Unit Weight: 16 OZ
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Ingredients/Identity Information
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Proprietary: NO
Ingredient: METHYL CHLOROFORM (1,1,1-TRICHLOROEHANE) (SARA III)
Ingredient Sequence Number: 01
Percent: 22-24
NIOSH (RTECS) Number: KJ2975000
CAS Number: 71-55-6
OSHA PEL: 350 PPM/450 STEL
ACGIH TLV: 350 PPM/450STEL,9192
Other Recommended Limit: NONE SPECIFIED
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Proprietary: NO
Ingredient: HYDROTREATED HEAVY NAPHTHA
Ingredient Sequence Number: 02
Percent: 24-26
NIOSH (RTECS) Number: 1002859HN
CAS Number: 64742-48-9
OSHA PEL: 500 PPM
ACGIH TLV: 300 PPM
Other Recommended Limit: NONE SPECIFIED
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Proprietary: NO
Ingredient: TOLUENE (SARA III)
Ingredient Sequence Number: 03
Percent: 12-14
NIOSH (RTECS) Number: XS5250000
CAS Number: 108-88-3
OSHA PEL: 200 PPM/150 STEL
ACGIH TLV: 50 PPM; 9293
Other Recommended Limit: NONE SPECIFIED

Proprietary: NO
Ingredient: N-HEPTANE
Ingredient Sequence Number: 04
Percent: 11-13
NIOSH (RTECS) Number: MI7700000
CAS Number: 142-82-5
OSHA PEL: 500 PPM/500 STEL
ACGIH TLV: 400 PPM/500 STEL; 9293
Other Recommended Limit: NONE SPECIFIED

Proprietary: NO
Ingredient: RESIN
Ingredient Sequence Number: 05
Percent: 27
NIOSH (RTECS) Number: 1000250RE
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE SPECIFIED

Physical/Chemical Characteristics

Appearance And Odor: VARIOUS COLORS-HONEY LIKE SUBSTANCE-CHARACTERISTIC ODOR.
Boiling Point: 160°F, 71°C
Vapor Density (Air=1): 4.6
Specific Gravity: 0.92-0.94
Decomposition Temperature: UNKNOWN
Evaporation Rate And Ref: 4.5
Solubility In Water: INSOLUBLE
Percent Volatiles By Volume: 3.90
Corrosion Rate (IPY): UNKNOWN

Fire and Explosion Hazard Data

Flash Point: 24.0°F, -4.4°C
Flash Point Method: TCC
Lower Explosive Limit: 1.1
Upper Explosive Limit: 10.5
Extinguishing Media: USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
Special Fire Fighting Proc: FULL FACED SELF CONTAINED BREATHING APPARATUS, OPERATED IN PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE.
Unusual Fire And Expl Hazrd: THIS MATERIAL IS FLAMMABLE AND MAY BE IGNITED BY HEAT, SPARKS, FLAME OR STATIC ELECTRICITY.

Reactivity Data

Stability: YES
Cond To Avoid (Stability): NONE
Materials To Avoid: STRONG ACIDS, BASES, OXIDIZING AGENTS, SELECTED AMINES, CHEMICALLY ACTIVE METALS, POWDERS.
Hazardous Decomp Products: CARBON MONOXIDE, CARBON DIOXIDE, POSSIBLY PHOSGENE AND HYDROGEN CHLORIDE.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NONE

Health Hazard Data

LD50-LC50 Mixture: ORAL LD50 (RAT) IS UNKNOWN
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: ACUTE-CNS, CVS, PNS, LIVER, KIDNEY, LUNGS,
RESPIRATORY SYSTEM AND SKIN. CHRONIC-BRAIN AND NERVOUS SYSTEM DAMAGE
(REFERRED TO AS SOLVENTS OR PAINTERS SYNDROME). DRYING OR CRACKING OF SKIN.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NONE OF THE INGREDIENTS IN THIS CHEMICAL ARE
LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.
Signs/Symptoms Of Overexp: HEADACHE, DIZZINESS, DROWSINESS, FATIGUE,
IRREGULAR HEARTBEAT, SKIN AND EYE IRRITATION.
Med Cond Aggravated By Exp: PRE-EXISTING HEART, LIVER, KIDNEY AND LUNG
DISORDERS.
Emergency/First Aid Proc: INGESTION-CONTACT PHYSICIAN OR POISON CONTROL
IMMEDIATELY. INHALATION-REMOVE TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL
RESPIRATION IF NEEDED. EYE-FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION
CONTINUES, CONTACT PHYSICIAN. SKIN-WASH WITH SOAP AND WATER.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: WIPE UP WITH FLOOR ABSORBENT. TRANSFER TO
HOOD. PREVENT RUN-OFF TO SEWERS. ELIMINATE IGNITION SOURCES. VENTILATE TO
MAINTAIN EXPOSURE BELOW PEL'S.
Neutralizing Agent: NOT APPLICABLE
Waste Disposal Method: DISPOSE OF PRODUCT IN ACCORDANCE WITH LOCAL, STATE
AND FEDERAL REGULATIONS.
Precautions-Handling/Storing: KEEP AWAY FROM SPARKS, FLAME AND HIGH HEAT
SOURCES. DO NOT STORE ABOVE 120F.
Other Precautions: KEEP CONTAINER CLOSED WHEN NOT IN USE.

Control Measures

Respiratory Protection: ORGANIC VAPOR CARTRIDGE, NIOSH/MSHA APPROVED.
Ventilation: USE MECHANICAL VENTILATION TO MAINTAIN EXPOSURE BELOW P.E.L.
AND LOCAL EXHAUST IF NEEDED AS SUPPLEMENTAL VENTILATION.
Protective Gloves: IMPERVIOUS GLOVES
Eye Protection: CHEMICAL SPLASH GOGGLES
Other Protective Equipment: IMPERVIOUS CLOTHING/BOOTS AS NEEDED.
Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING PRODUCT.
Suppl. Safety & Health Data: NONE SPECIFIED BY MANUFACTURER.

Transportation Data

Trans Data Review Date: 96031
DOT PSN Code: GJJ
DOT Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.
DOT Class: 3
DOT ID Number: UN1993
DOT Pack Group: II
DOT Label: FLAMMABLE LIQUID
IMO PSN Code: HIN
IMO Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.
IMO Regulations Page Number: 3230
IMO UN Number: 1993
IMO UN Class: 3.2
IATA PSN Code: MBV
IATA UN ID Number: 1993
IATA Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.*
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
API PSN Code: MBV
API Prop. Shipping Name: FLAMMABLE LIQUIDS, N.O.S.
API Class: 3
AFI ID Number: UN1993
AFI Pack Group: II
AFI Label: FLAMMABLE LIQUID
AFI Basic Pac Ref: A7.3
MMAC Code: NR
N.O.S. Shipping Name: TOLUENE, N-HEPTANE.

Disposal Data

Label Data

Label Required: YES
Technical Review Date: 31JAN96
Label Status: F
Common Name: PLASTIC DIP INSULATING COMPOUND, ELECT.
Chronic Hazard: YES
Signal Word: WARNING!
Acute Health Hazard-Moderate: X
Contact Hazard-Moderate: X
Fire Hazard-Moderate: X
Reactivity Hazard-None: X
Special Hazard Precautions: ACUTE-CNS, CVS, PNS, LIVER, KIDNEY, LUNGS, RESPIRATORY SYSTEM AND SKIN. CHRONIC-BRAIN AND NERVOUS SYSTEM DAMAGE (REFERRED TO AS SOLVENTS OR PAINTERS SYNDROME). DRYING OR CRACKING OF SKIN. KEEP AWAY FROM SPARKS, FLAME AND HIGH HEAT SOURCES. DO NOT STORE ABOVE 120F. FIRST AID: INGESTION-CONTACT PHYSICIAN OR POISON CONTROL IMMEDIATELY. INHALATION-REMOVE TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED. EYE-FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION CONTINUES, CONTACT PHYSICIAN. SKIN-WASH WITH SOAP AND WATER.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: P.D.I., INCORPORATED
Label Street: 3760 FLOWERFIELD ROAD
Label City: BLAINE
Label State: MN
Label Zip Code: 55434
Label Country: US
Label Emergency Number: 612-785-2156

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