

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: 01JUN89  
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-TRICHLOROETHANE) (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/450 STEL; 9192  
Other Recommended Limit: NONE SPECIFIED

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

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

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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/500STEL;9293  
Other Recommended Limit: NONE SPECIFIED

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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

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Physical/Chemical Characteristics

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Appearance And Odor: VARIOUS COLORS-HONEY LIKE SUBSTANCE-CHARACTERISTIC ODOR.  
Boiling Point: 160F,71C  
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

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Fire and Explosion Hazard Data

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Flash Point: 24.0F,-4.4C  
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 Hazrds: THIS MATERIAL IS FLAMMABLE AND MAY BE IGNITED BY HEAT, SPARKS, FLAME OR STATIC ELECTRICITY.

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Reactivity Data

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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

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Health Hazard Data

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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.

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Precautions for Safe Handling and Use

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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.

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Control Measures

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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.

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Transportation Data

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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  
 AFI PSN Code: MBV  
 AFI Prop. Shipping Name: FLAMMABLE LIQUIDS, N.O.S.  
 AFI 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.

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Disposal Data  
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Label Data  
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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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delete information in this archive please send updates to [dan@siri.org](mailto:dan@siri.org).