



*Estimated
 N/A-Not Applicable
 N/R-Not Restricted
 N/E-Not Established

MATERIAL SAFETY DATA SHEET

| | | | | | |
|--|--|----------------|--|-----------------------|-------------------------------|
| NOTE: BLANK SPACES ARE NOT PERMITTED. IF ANY ITEM IS NOT APPLICABLE, THE SPACE MUST BE MARKED TO INDICATE THAT. | | | | | |
| IDENTITY (As shown on Label or package) F-611 CONDUCTIVE BLACK | | | PART NO. IF APPLICABLE | | |
| SECTION I | | | | | |
| MANUFACTURER'S NAME Plasti Dip International., Inc. | | | EMERGENCY PHONE No. USA only: 1-800-424-9300 INT'L: 703-527-3887 | | |
| ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) 3920 Pheasant Ridge Drive | | | REVISION # 0004 | | |
| Blaine, MN 55449 | | | MANUFACTURER'S PHONE No. FOR INFORMATION 1-763-785-2156 | | |
| | | | DATE MSDS WAS PREPARED May 16, 2007 | | |
| SECTION II - HAZARDOUS INGREDIENTS INFORMATION. All Health Hazards which comprise 1% or greater of the composition and all carcinogens if 0.1% of the composition or greater. | | | | | |
| HAZARDOUS COMPONENTS CHEMICAL and IDENTITY AND COMMON NAME (S) | % Wt. (OPTIONAL) | CAS NO. | OSHA PEL | ACGIH TLV | OTHER LIMITS RECOMMEND |
| VM&P Naphtha | 34.8 | 64742-89-8 | 300 ppm | 300 ppm | None |
| Hexane | 14.8 | 110-54-3 | 500 ppm | 50ppm | None |
| Xylene | 12.7 | 1330-20-7 | 100 ppm | 100 ppm | None |
| Acetone | 8.1 | 67-64-1 | 1000 ppm | 500 ppm | None |
| Carbon Black, Amorphous | 6.6 | 1333-86-4 | 3.5 mg/m ³ | 3.5 mg/m ³ | None |
| Ethylbenzene | 3.2 | 100-41-4 | 100 ppm | 100 ppm | None |
| | | | | | |
| SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS | | | | | |
| BOILING POINT 133 - 285 °F | SPECIFIC GRAVITY (H₂O =1) 0.80 - 0.82 | | APPROXIMATE WEIGHT PER GALLON (LBS) 6.75 | | |
| VAPOR PRESSURE 185 mmHg @ 20 °C | VAPOR DENSITY (AIR = 1) Heavier than air | | EVAPORATION RATE (BUTYL ACETATE =1) > 1.0 | | |
| SOLUBILITY IN WATER Insoluble | % VOLATILE 65.5 VOC LBS./GAL 4.4 | | OTHER (IF ANY) None | | |
| APPEARANCE AND ODOR Honey Like Substance - Characteristic Odor | | | | | |
| SECTION IV-FIRE AND EXPLOSION HAZARD DATA | | | | | |
| FLASH POINT (METHOD USED) -10.0 °F TCC | FLAMMABLE LIMITS | | LEL 0.9 | UEL 12.8 | |
| EXTINGUISHING MEDIA Carbon Dioxide, Dry Chemical, or Foam | | | | | |
| SPECIAL FIRE FIGHTING PROCEDURES Self contained breathing apparatus with a full face piece, operated in pressure demand or other positive pressure mode. | | | | | |
| UNUSUAL FIRE AND EXPLOSION HAZARDS This material is flammable and may be ignited by heat, sparks, flame or static electricity. | | | | | |
| HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION Carbon Dioxide and/or Carbon Monoxide | | | | | |
| EXPLOSIVE LIMITS (% BY VOLUME IN AIR) 0.9 – 12.8 | | | | | |
| SECTION V - OPTIONAL HAZARD RATINGS IDENTIFICATION | | | | | |
| HAZARD RATING 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT **SEE SECTION IV | | | National Fire Protection Association (NFPA) FIRE <u> 3 </u> REACTIVITY <u> 0 </u> . HEALTH <u> 2 </u> SPECIAL HAZARDS <u> None </u> . | | |

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| SECTION VI - REACTIVITY AND STABILITY DATA | | | |
|--|---|--|--------------------------|
| STABILITY | UNSTABLE | STABLE X | CONDITIONS TO AVOID None |
| INCOMPATIBILITY (Materials to Avoid) Strong acids, bases, oxidizing agents, selected amines with alkali metals and halogens. | | | |
| HAZARDOUS DECOMPOSITION OR BY PRODUCTS Carbon Monoxide, Carbon Dioxide | | | |
| HAZARDOUS POLYMERIZATION | MAY OCCUR | WILL NOT OCCUR X | CONDITIONS TO AVOID None |
| SECTION VII - HEALTH HAZARD DATA | | | |
| ROUTES OF ENTRY | INHALATION? Yes | SKIN? Yes | INGESTION? Yes EYES? Yes |
| HEALTH HAZARDS | ACUTE X | See Signs and Symptoms of Exposure below. | |
| | CHRONIC X | Brain and Nervous System Damage (Referred to as solvents or painters syndrome). Drying or Cracking skin. | |
| CARCINOGENICITY: IARC 2B | | | |
| SIGN AND SYMPTOMS OF EXPOSURE | | | |
| Headache, Dizziness, Drowsiness, Fatigue, Irregular Heartbeat, Skin and Eye Irritation. | | | |
| Target Organs: CNS, CVS, PNS, Liver, Kidneys, Lungs, Respiratory System, Skin. | | | |
| MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE Pre-existing Heart, Liver, Kidney and Lung disorders. | | | |
| EMERGENCY AND FIRST AID PROCEDURES | | | |
| Ingestion: Contact Physician or Poison Control Immediately. | | | |
| Inhalation: Remove to fresh air. Administer Oxygen or Artificial Respiration if Necessary. | | | |
| Eye Contact: Flush with large amounts of water. If irritation persists, contact Physician. | | | |
| Skin: Wash with soap and water. | | | |
| SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE | | | |
| STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED | | | |
| Wipe up with floor absorbent. Transfer to hood. Prevent run-off to sewers. | | | |
| Eliminate all sources of ignition. Ventilate to maintain exposure below PEL's. Use sand or other material to dam or contain spills. If large spill, notify appropriate state and local agencies. | | | |
| WASTE DISPOSAL METHODS Dispose of product in accordance with local, county, state and federal regulations. | | | |
| PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE | | | |
| Keep away from sparks, flame and heat sources. Do not store above 120°F and use adequate ventilation. | | | |
| Avoid inhalation of vapors and contact with liquid product. Use good personal hygiene. | | | |
| OTHER PRECAUTIONS | | | |
| Keep Container Closed When Not In Use. Containers should be disposed of in an environmentally safe manner in accordance with Governmental Regulations. | | | |
| SECTION IX - CONTROL MEASURES | | | |
| RESPIRATORY PROTECTION (SPECIFY TYPE) Depending on the Airborne concentration, use a Respirator with appropriate NIOSH approved cartridge or supplied air equipment. | | PROTECTIVE GLOVES Impervious Gloves | |
| VENTILATION | LOCAL EXHAUST Supplemental (if needed) | SPECIAL None | |
| | MECHANICAL (GENERAL) To maintain exposure below PEL's | OTHER None | |
| EYE PROTECTION Chemical splash goggles, or approved eye protection. | | OTHER PROTECTIVE CLOTHING OR EQUIPMENT Chemical Apron/Eye bath/Safety Shower | |
| WORK HYGIENIC PRACTICES Wash thoroughly after handling. | | | |
| SECTION X - TRANSPORTATION INFORMATION (Optional) | | | |
| DOT PROPER SHIPPING NAME Coating Solution | | DOT HAZARD CLASS 3 | |
| DOT UN NUMBER UN1139 | | DOT PACKING GROUP II | |
| IATA PROPER SHIPPING NAME Coating Solution | | IATA HAZARD CLASS 3 | |
| IATA UN NUMBER UN 1139 | | IATA PACKING GROUP II | |
| SECTION XI - 313 SUPPLIER NOTIFICATION | | | |
| THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT -TO-KNOW ACT OF 1986, 40 CFR 372, (see table on page 1 for CAS # and percent by weight). Hexane, Xylene, and Ethylbenzene | | | |
| WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM. | | | |

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