**Material Safety Data Sheet**

**IDENTITY**
- (As shown on label or package) 14.5 Fluid Ounce PLASTI DIP

**PART NO.**
- IF APPLICABLE

**SECTION I**
- **MANUFACTURER’S NAME:** Plasti Dip International, Inc.
- **ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE):**
  - 3920 Pheasant Ridge Drive, Blaine, MN 55449
- **EMERGENCY PHONE No.:** 1-800-424-9300
- **MANUFACTURER’S PHONE No. FOR INFORMATION:** 1-763-785-2156
- **DATE MSDS WAS PREPARED:** December 29, 2011

**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.

<table>
<thead>
<tr>
<th>HAZARDOUS COMPONENTS CHEMICAL and IDENTITY AND COMMON NAME (S)</th>
<th>% WT. (OPTIONAL)</th>
<th>CAS NO.</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>OTHER LIMITS RECOMMEND</th>
</tr>
</thead>
<tbody>
<tr>
<td>VM&amp;P Naphtha</td>
<td>32-38</td>
<td>64742-89-8</td>
<td>300 ppm</td>
<td>300 ppm</td>
<td>None</td>
</tr>
<tr>
<td>Hexane</td>
<td>16-19</td>
<td>110-54-3</td>
<td>500 ppm</td>
<td>50 ppm</td>
<td>None</td>
</tr>
<tr>
<td>Toluene</td>
<td>13-16</td>
<td>108-88-3</td>
<td>200 ppm</td>
<td>50 ppm</td>
<td>None</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>3-7</td>
<td>78-93-3</td>
<td>200 ppm</td>
<td>200 ppm</td>
<td>None</td>
</tr>
<tr>
<td>Resins</td>
<td>25-27</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>None</td>
</tr>
</tbody>
</table>

**SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS**
- **BOILING POINT:** 149 - 285°F
- **SPECIFIC GRAVITY (H₂O =1):** 0.79 - 0.83
- **APPROXIMATE WEIGHT PER GALLON (LBS):** N/A
- **VAPOR PRESSURE:** 125 mmHg @ 20°C
- **VAPOR DENSITY (AIR = 1):** Heavier than air
- **EVAPORATION RATE (BUTYL ACETATE =1):** > 1.0
- **SOLUBILITY IN WATER:** Insoluble
- **% VOLATILE:** 72-75%
- **VOC LBS/GAL:** 4.8-5.2
- **OTHER:** None
- **APPEARANCE AND ODOR:** Various Colors, Honey Like Substance - Characteristic Odor

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**
- **FLASH POINT:** -10.0°F (METHOD USED): TCC
- **FLAMMABLE LIMITS:** 0.9 – 11.5
- **LEL:** 0.9
- **UEL:** 11.5
- **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 - 11.5

**SECTION V - OPTIONAL HAZARD RATINGS IDENTIFICATION**
- **HAZARD RATING:**
  - 4-EXTREME
  - 3-HIGH
  - 2-MODERATE
  - 1-SLIGHT
  - 0-ININSIGNIFICANT

**FIRE RATING: 3**
- **REACTIVITY: 0**
- **SPECIAL HAZARDS: None**

**HEALTH RATING: 2**

This is the "front" when printed in duplex. Page 1 of 2 pages if not duplex.
SECTION VI - REACTIVITY AND STABILITY DATA

STABILITY

<table>
<thead>
<tr>
<th>UNSTABLE</th>
<th>STABLE</th>
<th>CONDITIONS TO AVOID</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
<td>None</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>MAY OCCUR</th>
<th>WILL NOT OCCUR</th>
<th>CONDITIONS TO AVOID</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>None</td>
</tr>
</tbody>
</table>

SECTION VII - HEALTH HAZARD DATA

ROUTES OF ENTRY

<table>
<thead>
<tr>
<th>INHALATION?</th>
<th>SKIN?</th>
<th>INGESTION?</th>
<th>EYES?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td></td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

HEALTH HAZARDS

<table>
<thead>
<tr>
<th>ACUTE</th>
<th>CHRONIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

See Signs and Symptoms of Exposure below.

Brain and Nervous System Damage (Reflected to as solvents or painters syndrome). Drying or Cracking skin.

CARCINOGENICITY: No

SIGNS 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

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

Depending on the Airborne concentration, use a Respirator with appropriate NIOSH approved cartridge or supplied air equipment.

VEHICLE PREVENTION

Local Exhaust: Supplemental (if needed)

Mechanical (General): To maintain exposure below PEL's

SPECIAL: None

EYE PROTECTION

Chemical splash goggles or approved eye protection.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Impervious Clothing/Boots as needed.

WORK HYGIENIC PRACTICES

Wash thoroughly after handling.

SECTION X - TRANSPORTATION INFORMATION

D.O.T. PROPER SHIPPING NAME: Coating Solution (UN 1139)

D.O.T. HAZARD CLASS: 3, PG II

IATA PROPER SHIPPING NAME: Coating Solution (UN 1139)

IATA HAZARD CLASS: 3, PG II

DOT EXCEPTION: See DOT 49CFR 172.102, New Special Provision 149 AND DOT 49CFR 171.8 FOR CONSUMER COMMODITY, ORM-D

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, Toluene and Methyl Ethyl Ketone

WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM.

Prepared By: Mark Kenow

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