### Material Safety Data Sheet

#### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- **Chemical Name:** Permount Media 40131

- **CAS#**
  - 108-92-0: Toluene
  - 128-37-0: BHT
  - 68240-09-5: Polymer with alpha-pinene and beta-pinene

- **Risk Phrases:** Xi F

#### SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>% EINECS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene</td>
<td>55</td>
</tr>
<tr>
<td>BHT</td>
<td>41</td>
</tr>
<tr>
<td>Polymer with alpha-pinene and beta-pinene</td>
<td>45</td>
</tr>
</tbody>
</table>

#### SECTION 3 - HAZARD IDENTIFICATION

**EMERGENCY OVERVIEW**

**Warning:** Flammable liquid. Flash Point: 4 deg C. WARNING: Flammable liquid and vapor. Causes respiratory tract irritation and skin irritation. May cause eye irritation. This substance has caused adverse reproductive and fetal effects in animals. May cause peripheral nervous system depression. May cause skin and eye hazard if swallowed. Can enter lungs and cause damage. May cause liver damage. May cause kidney damage. Target Organs: Kidneys, heart, central nervous system, liver.

**Potential Health Effects**

**Eye:** Causes eye irritation. May result in corneal injury. Vapors may cause irritation and/or dermatitis. Skin: May cause skin irritation. May be absorbed through the skin in harmful amounts. Prolonged and/or repeated contact may cause dermatitis and/or dermatitis. Ingestion: May cause irritation of the digestive tract. May cause effects similar to those for inhalation exposure. Aspiration of material into the lungs may cause respiratory, bronchitis, which may be fatal. Inhalation: Inhalation of high concentrations may cause central nervous system effects characterized by nausea, headache, dizziness, unconsciousness and coma. Inhalation of vapor may cause respiratory tract irritation. May cause heart disturbances, possibly leading to cardiac arrest and death. Chronic: Prolonged or repeated skin contact may cause dermatitis. May cause cutaneous sensitization and severe heart abnormalities. May cause liver and kidney damage.

#### SECTION 4 - FIRST AID MEASURES

**Eye:** Flush eyes with plenty of water for at least 15 minutes, lifting and lifting the upper and lower eyelids. Get medical aid immediately.

**Skin:** Wash skin with plenty of soap and water for at least 15 minutes. Wash any clothing or shoes that have been contaminated. Get medical aid immediately.

**Ingestion:** Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cups of milk or water. Possible aspiration hazard. Get medical aid immediately.

**Inhalation:** Remove from exposure to fresh air immediately. If not breathing.

#### SECTION 5 - FIRE FIGHTING MEASURES

**General Information:** Containers can build up pressure if exposed to heat and/or fire. As in any fire, self-contained breathing apparatus is necessary. Do not use water. Use foam or a dry chemical agent to control fire. Do not use water or non-foam-containing agents. May be hazardous if ignited. Do not use water or non-foam-containing agents.

**Fire Extinguisher Class:** C

**Flash Point:** 39.30 deg F

**Explosion Limits:** Lower: 28.3%, Upper: 35.3%

**NFPA Rating:** Health: 2; Flammability: 3; Reactivity: 0

#### SECTION 6 - ACCIDENTAL RELEASE MEASURES

**General Information:** Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:** Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Absorb spill using an approved non-absorbent material. Use compatible absorbents.

**Handling:** Remove contaminated clothing and wash before reuse. Ground and bond containers when transferring material. Avoid contact with eyes, skin, and clothing. Empty containers retain residual, flammable liquid and vapor. Do not open containers with a spark or flame. Avoid breathing vapor.

**Storage:** Keep away from sources of ignition. Store in a cool, dry, well-ventilated area away from incompatible substances. Flammable area. Separate from oxidizing materials.

#### SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

**Engineering Controls:** Use proper ventilation or utilizing this material should be equipped with an eye wash and a safety shower. Use adequate general or local exhaust ventilation. Keep airborne levels to acceptable levels.

**OSHA Vacated PELs:**
- Toluene: 65 ppm, skin: 200 ppm TWA
- BHT: 10 mg/m3 TWA
- Polymer with alpha-pinene and beta-pinene: none listed
epididymis.
Neurotoxicity: No information available.
Mutagenicity: No information available.
Other hazards: None.

**** SECTION 12 - ECOLOGICAL INFORMATION ****
Ecotoxicology: Toluene: Bluegill LC50=17 mg/l/24H Shrimp LC50=4.3 ppm/96H Fathead minnow LC50=36.2 mg/l/96H Sunfish (fresh water) TLm=1180 mg/l/96H

**** SECTION 13 - DISPOSAL CONSIDERATIONS ****
Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
RCRA P-Series: None listed.

**** SECTION 14 - TRANSPORT INFORMATION ****
US DOT Shipping Name: FLAMMABLE LIQUID, N.O.S.
Hazard Class: UN Number: 1993
Packaging Group: II
Canadian Shipping Name: TOLUENE SOLUTIONS
Hazard Class: 1
UN Number: UN1294
Other Information: FLASHPOINT 7C

**** SECTION 15 - REGULATORY INFORMATION ****
US FEDERAL
TSCA
CAS# 108-88-3 is listed on the TSCA inventory.
CAS# 128-17-0 is listed on the TSCA inventory.
CAS# 68240-9-5 is listed on the TSCA inventory.
Health & Safety Reporting List
Polymer CAS# 108-88-3 is not a hazardous substance. None of the chemicals in this product are under a Chemical Test Rule.
Section 12b None of the chemicals are listed under TSCA Section 12b.
TSCA Significant New Use Rule
None of the chemicals in this material have a SNUR under TSCA.

SARA
CERCLA Hazardous Substances and corresponding RQs
CAS# 108-88-3: 1000 lb Final RQ; 454 kg Final RQ
SARA Section 302 Extremely Hazardous Substance
None of the chemicals in this product have a THQ.
SARA Codes
CAS# 128-17-0: acute, flammable.

Section 313 This material contains Toluene (CAS# 108-88-3, 55%), which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 372.
Clean Air Act:
CAS# 108-88-3 is listed as a hazardous air pollutant (HAP).
This material does not contain any Class 1 ozone depletors.
Clean Water Act:
CAS# 108-88-3 is listed as a Hazardous Substance under the CWA.
CAS# 108-88-3 is listed as a Priority Pollutant under the Clean Water Act.
OSHA:
None of the chemicals in this product are considered highly hazardous by OSHA.

STATE
Toluene can be found on the following state right to know lists: California, New Jersey, Florida, Pennsylvania, Minnesota, New Mexico, and Connecticut. Toluene is hazardous by SHT can be found on the following state right to know list: California. Toluene is a hazardous substance in the state of Florida, New Jersey, New York, Pennsylvania, Connecticut.
The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howeversoever arising, even if the company has been advised of the possibility of such damages.