

# MATERIAL SAFETY DATA SHEET

---

## Section I: Material Identification

---

Berry Plastics  
201 Circle Drive No. #116  
Piscataway, NJ 08846  
732-356-2870

Emergency Phone:  
Chemtrec 1-800-424-9300

Product Code: 2116C  
Updated: 10/21/11

---

## Section II: Toxic and Hazardous Ingredients

---

Hazardous Components	C.A.S. #	ACGIH TLV		OSHA		%
		TWA	STEL	TWA	STEL	
Toluene	108-88-3	50ppm		100ppm	150ppm	5
Heptane	142-82-5	400ppm		500ppm		12
Diethylene Glycol						
Ethyl Ether	111-90-0	N/E		N/E		3

---

## Section III: Physical/Chemical Characteristics

---

Form: Liquid      Odor: Solvent      Appearance/Color: Amber/Clear  
Sp. Gr: 0.92      Boiling Point: N/A      Solubility in Water at 29°C: Insoluble  
% Volatile by Weight: 41      Evaporation Rate (N-Bu.Ac.=1): N/E  
Vapor Pressure (mm of Hg at 20°C): N/E      Vapor Density: N/A  
pH: N/A      Stability: Stable

---

## Section IV: Fire and Explosion Hazard

---

For fires involving this material, do not enter without proper protection equipment, including self-contained breathing apparatus.

Usual Fire and Explosion Hazards: None

Flash Point (Method Used): TCC 48°F (for toluene)

Flammable Limits %: LEL – 1.2, UEL – 7.1 (for toluene)

Extinguishing Agents: Dry chemical, water spray, fog, CO<sub>2</sub>, foam, sand/earth

---

**Section V: Health Hazards**

---

Permissible Concentrations: N/A                      Effects of Overexposure: None Determined

Toxicological Properties: skin and eye irritant

Emergency First Air Procedures:

Eyes: Flush immediately with water for 15 minutes. Consult a physician.

Skin: Wash with plenty of water for 15 minutes.

Inhalation: N/A

Ingestion: Consult a physician. Do Not Induce Vomiting.

---

**Section VI: Control and Protective Measures**

---

Ventilation Required: Mechanical exhaust to remove vapors.

Respiratory Protection: Use NIOSH approved respirator if TLV limits are exceeded.

Skin Protection: Gloves, rubber or plastic, solvent resistant

Eye Protection: Safety goggles or full-face mask

Hygienic Work Practices: Keep area clean, clean up spills immediately, Practice good personal hygiene.

---

**Section VII: Precautions for Safe Handling and Use/Leak Procedures**

---

Procedures for Cleanup: Absorb with sand, earth, vermiculite. Sweep up and dispose of in accordance with federal, state and local regulations.

Waste Disposal: Dispose of in accordance with federal, state and local regulations.

Handling and Storage: Store in a cool, dry area, away from flame, sparks, excessive heat.

---

D.O.T. Shipping Name: Adhesive,3,UN1133,PGII    HMIS Rating: Health : 2

D.O.T. Label: Flammable Liquid

Flammability: 3

Reactivity: 0

---

Section 313 (Title III Superfund Amendment and Reauthorization Act): Toluene, Heptane, Diethylene Glycol Ethyl Ether

Carcinogen: No

---

The statements, technical information, and recommendations contained herein are believed to be reliable, however, they are given without warranty or guarantee of any kind, express or implied, and Berry Plastics assumes no responsibility for any loss, damage, direct or consequential, arising from the use of this product.