

# MATERIAL SAFETY DATA SHEET

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## Section I: Material Identification

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

Emergency Phone:  
Chemtrec 1-800-424-9300

Product Code: 4022J  
Updated: 11/10/11

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## Section II: Toxic and Hazardous Ingredients

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Hazardous Components	C.A.S. #	ACGIH TLV		OSHA		%
		TWA	STEL	TWA	STEL	
Toluene	108-88-3	50ppm		100ppm	150ppm	36

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## Section III: Physical/Chemical Characteristics

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Form: Liquid      Odor: Solvent      Appearance/Color: Amber  
Sp. Gr: 0.92      Boiling Point: N/A      Solubility in Water at 29°C: Insoluble  
% Volatile by Weight: 38      Evaporation Rate (N-Bu.Ac.=1): 1.5  
Vapor Pressure (mm of Hg at 20°C): N/A      Vapor Density: N/A  
pH: N/A      Stability: Stable

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## Section IV: Fire and Explosion Hazard

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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

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**Section V: Health Hazards**

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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.

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**Section VI: Control and Protective Measures**

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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.

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

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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.

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

D.O.T. Label: Flammable Liquid

Flammability: 3

Reactivity: 0

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Section 313 (Title III Superfund Amendment and Reauthorization Act): Toluene  
Carcinogen: No

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