



# MATERIAL SAFETY DATA SHEET

## Section 1. Product and Company Identification

Product Name:	EzFlow A Polymer Pink	DATE:	3/28/2011
Formula:	30-1351	Rev.	00
Item#:	66048, 66049, 66072, 66051		
Manufacturer:	American International Industries 2220 Gasper Ave Los Angeles, CA 90040		
Chem.-Tel:	(800) 255-3924		

## Section 2. Composition / Information on Ingredients

### Hazardous Ingredients:

Component	CASS #	%	TOXICOLOGICAL DATA
Polymer	Exempt	>98	OSHA - 15 mg/m <sup>3</sup> ACGIH - 10 mg/m <sup>3</sup>
Benzoyl Peroxide	94-36-0	<1.2	OSHA - 5 mg/m <sup>3</sup> ACGIH - 5 mg/m <sup>3</sup>

## Section 3. Hazardous Identification

### Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry: Eyes or skin (No absorption); inhalation of dust.

Eye: Higher concentration can irritate eyes. May cause eye irritation or damage.

Skin: Repeated or prolonged exposure may cause allergic skin rashes.

Ingestion: Higher concentration can irritate respiratory system.

Inhalation: Possible temporary discomfort due to inhalation of dust concentration above the permissible exposure limit. Dust may cause irritation of the nose, throat, and lungs.

Sub-Chronic Effects: For polymer: OSHA classifies this material as Particulates, Not Otherwise Classified. Eyes, skin and Respiratory tract may be irritated by gross overexposure to Particulates, Not Otherwise Classified, no matter how they are generated. Avoid inhalation of dust. Keep dust out of eyes to prevent possible irritation.

For decomposition product. Monomer; Liquid or high vapor concentration can irritate eyes, respiratory system and cause skin rashes. Prolonged exposure can lead to headaches, nausea, staggering gait, confusion, drowsiness and unconsciousness. Repeated and prolonged over exposure may cause permanent brain and nervous system damage, allergic skin rashes, eye corrosion and permanent injury, as well as changes in liver and kidney function or damage.

For Benzyl Peroxide: Repeated or prolonged contact may cause skin sensitization.



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### **Section 4. First Aid Measures**

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- First Aid for Eye: Flush with water for 15 minutes, including under eyelids. Get medical help if discomfort persist.
- First Aid for Skin: Wash with soap and water. Get medical help if discomfort persist.
- First Aid for Inhalation: Remove to fresh air. Get medical help if discomfort persists.
- First Aid for Ingestion: Rinse mouth out with water. Call doctor if amount was large.
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### **Section 5. Fire Fighting Measures**

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- Flash Point (°F/°C): 580°F/304°C Tag Closed
- Flammable Limit (vol%): Not applicable
- Auto-ignition Temp. (vol%): None established
- Extinguisher Media: Water, carbon dioxide, dry chemical
- Fire Fighting Instructions: Avid extinguishing methods that generate dust clouds. Water streams can disperse dust into air, producing a fire hazard and possible explosion hazard. Fire-fighters should wear self contained breathing apparatus.
- Unusual Hazards: Polymer dust is combustible, explosive limits of the polymer particles suspended in air are approximately those of coal dust.
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### **Section 6. Accidental Release Measures**

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- Spill or Release Measures: Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills.
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### **Section 7. Handling and Storage**

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- Handling: Observe precautions found on the label. Wash face and hands thoroughly with soap and water after handling and before eating, drinking or smoking. Avoid prolonged or repeated contact with skin. Avoid contamination. Use only with adequate ventilation.
- Storage: Store in cool, dry place away from heat, sparks, flame and direct sunlight. Close container after each use. Ground all metal containers when transferring. Use explosion-proof equipment. Store away from combustibles and incompatible materials.



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**Explosion Hazard:** Polymer dust is combustible, explosive limits of the polymer particles suspended in air are approximately those of coal dust.

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### **Section 8. Exposure Controls / Personal Protective Equipment**

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**Engineering Controls** Use good local exhaust at processing equipment, including buffers, sanders, grinders and polishers. High temperature processing equipment should be well ventilated. Use explosion-proof equipment. Provide ventilation if necessary to control exposure levels below airborne exposure limits.

**Personal Protective Equipment:**

**General:** Dust collectors are recommended for handling powder in bulk.

**Eye/Face Protection:** Use safety glasses and have eye flushing equipment immediately available.

**Skin Protection:** Minimize contamination by following good industrial practice. Wearing nitrile, neoprene, pvc, latex or other impermeable gloves is recommended.

**Respiratory Protection:** Avoid breathing dust and mist. Use dust mask.

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### **Section 9. Physical and Chemical Properties**

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<b>Appearance @ 25°C:</b>	Crystalline powder	<b>Viscosity (RVT):</b>	Not applicable
<b>Odor @ 25°C:</b>	Faint odor in bulk	<b>Vapor Pressure:</b>	Not available
<b>pH</b>	Not applicable	<b>Vapor Density:</b>	Not available
<b>Specific Gravity:</b>	Not applicable	<b>Evaporation Rate:</b>	Not available
<b>Ignition:</b>	Not applicable	<b>% Volatile:</b>	Not available
<b>Melting Point:</b>	Not applicable		
<b>Boiling Point:</b>	Not applicable		
<b>Solubility in Water</b>	Insoluble		

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### **Section 10. Stability and Reactivity**

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**Stability:** Stable under ordinary conditions of use and storage.

**Hazardous Decomposition Products:**

Methacrylate monomers

**Incompatibility (Materials to Avoid):**

Strong oxidizing agents

**Hazardous Polymerization:**



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Will not occur

**Conditions to Avoid:** Heating above 240°C/464°F

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## Section 11. Toxicological Information

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**Acute Oral Toxicity:** No data available  
**Acute Dermal Toxicity:** No data available  
**Acute Inhalation Toxicity:** No data available  
**Irritation - skin:** Mild  
**Irritation - eye:** Mild  
**Sensitization:** No data available  
**Mutagenicity:** None  
**Sub-chronic Toxicity:** None

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## Section 12. Ecological Information

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**Acute Toxicity to Fish:** No data available  
**Acute Toxicity to Invertebrates:** No data available  
**Acute Toxicity to Algae:** No data available  
**Bioconcentration:** No data available  
**Toxicity to Sewage Bacteria:** No data available

### Chemical Fate Information:

**Biodegradability:** No data available  
**Chemical Oxygen Demand:** No data available

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## Section 13. Disposable Considerations

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May be disposed of in a landfill or incinerated. Follow Federal, State and Local regulations for disposal.

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## Section 14. Transportation Information

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### <DOT Information>

Proper Shipping Name (49CFR 172): Non - Regulated Material  
Hazard Class: —  
UN/ID: —



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Packing Group: —  
 Class or Division: —  
 Emergency Response Guidance (ERG)#: —

## Section 15. Regulatory Information

### Clean Air Act: HAP/ODS

This product contains the following hazardous air pollutants (HAP's) or ozone depleting substances (ODS's), as defined by the U.S. Clean Air Act: None

### Clean Water Act: Priority Pollutant

This product contains the following chemicals listed under the U.S. Clean Water Act Priority Pollutant List: None

### FDA: Food Packaging Status

This product has not been cleared by the FDA for use in food packaging and/or other applications as an indirect food additive.

### Occupational Safety and Health Act

This product is not considered a hazardous chemical under the OSHA Hazard Communication Standard.

### RCRA

This product contains no chemicals considered to be hazardous waste under RCRA (40 CFR 261)

### SARA Title III: Section 302

This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances.

### SARA Title III: Section 304

This product contains no chemicals regulated under Sec. 304 as extremely hazardous chemicals for emergency release notification ("CERCLA" list).

### SARA Title III: Section 311-312

This product does not contain hazardous substances under the OSHA Hazard Communication Standard, and is not regulated under Section 311-312 (40 CFR 370)

### SARA Title III: Section 313

This product contains the following chemicals outlined in SARA Title III: Section 313: Benzyl Peroxide Cas# 94-36-0

### TSCA Section 8(b): Inventory

This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA per manufacture notification requirements.

CA Right-to-Know Law: Benzyl Peroxide Cas#94-36-0

MA Right-to-Know Law: Benzyl Peroxide Cas#94-36-0

NJ Right-to-Know Law: Benzyl Peroxide Cas#94-36-0

PA Right-to-Know Law: Benzyl Peroxide Cas#94-36-0

FL Right-to-Know Law: Benzyl Peroxide Cas#94-36-0

MN Right-to-Know Law: Benzyl Peroxide Cas#94-36-0

### International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List)



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Polymer not on the DSL List. Benzyl Peroxide Cas# 94-36-0 is on the DSL list. WHMIS = C, D2B, B4

EINECS: European Inventory Polymer:

Hazard Symbols: Xi Irritant

Risk Phrases: R36/37/38: Irritating to eyes, respiratory system and skin

Safety Phrases: S18: Handle and open container with care, S22: do not breath dust, S24/25: avoid contact with skin and eyes, S38: in case of insufficient ventilation, wear suitable respiratory equipment.

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### **Section 16. Other Information**

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Hazard Rating System: NFPA

Health:	1
Flammability:	1
Reactivity:	1

Hazard Rating System: HMIS

Health:	1
Flammability:	1
Reactivity:	1

OSHA PEL for nuisance dust: 15 mg/m<sup>3</sup> (total dust); 5 mg/m<sup>3</sup> (respirable dust)

ACGIH Pel for nuisance dust: 10mg/m<sup>3</sup>