



MATERIAL SAFETY DATA SHEET

Section 1. Product and Company Identification

Product Name:	EzFlow UV-30	DATE:	12/2/2010
Formula:	30-1327	REV.	00
Item#:	60242, 60243		

Manufacturer: American International Industries
2220 Gaspar Ave
Los Angeles, CA 90040
Chem-Tel: (800) 255-3924

Section 2. Composition / Information on Ingredients

Component	CAS #	%	Exposure Limits ppm	
			TLV (ACGIH)	PEL (OSHA)
Polymethyl Methacrylate	9011-14-7	50 - 100	None	None
Polybutyl Methacrylate	N/A		Established	Established
*Toluene	108-88-3	30 - 60	50ppm	100ppm
Butyl Acetate	123-86-4	15 - 40	150ppm	150ppm
Benzotriazolyl Dodecyl p-Cresol	95-14-7	1 - 2	None	None
Bis(t-Butyl Benzoxazolyl) Thiophene	7128-64-5	1 - 2	Established	Established
			None	None
Violet 2 (CI 60725)	81-48-1	0 - 1	Established	Established
			None	None

*Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

Section 3. Hazardous Identification

Potential Health Effects, Signs and Symptoms of Exposure:

Eye: May cause irritation or burning eyes.
Skin: Repeated or prolonged liquid contact may cause skin irritation with discomfort or dermatitis.
Ingestion: Gastro intestinal distress, call a physician.
Inhalation: May cause nose and throat irritation.

Section 4. First Aid Measures

First Aid for Eye: Immediately flush with water for 15 minutes, including under eyelids. Seek medical attention if discomfort persists.



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First Aid for Skin: Wash off affected areas with plenty of soap and water. If discomfort or irritation persists contact a physician.

First Aid for Inhalation: Remove to fresh air. Seek medical attention if discomfort persists.

First Aid for Ingestion: Rinse mouth out with water. Only induce vomiting if directed by a physician. Never give anything by mouth to an unconscious person. Seek prompt medical attention.

Section 5. Fire Fighting Measures

Flash Point (°F/°C): 45°F/7°C

Flammable Limit (vol%): LEL: 1.2% for toluene
UEL: 7.1% for toluene

Auto-ignition Temp. (vol%): 407°C/765°F for Butyl Acetate

Extinguisher Media: Foam, dry chemical, alcohol foam or carbon dioxide.

Fire Fighting Procedures: Full protective equipment, including self contained breathing apparatus is recommended. Water from fog nozzle may be used to cool containers to prevent pressure build up.

Unusual Fire and Explosion Hazards: When heated above the flash point flammable vapors may be emitted. Fine mists or sprays may be flammable at temperatures below the flash point.

Section 6. Accidental Release Measures

Spill or Release Procedures: For Spills <1 gallon:
Before cleaning any spill or leak, individuals involved in spill must wear appropriate Personal Protective Equipment. Wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows) and secure all sources of ignition. Remove spilled materials with absorbant material and place into appropriate closed container (s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.
For Spills >1 gallon:
Deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Use ONLY non-sparking tools for recovery and cleanup. Transfer liquid to containers for recovery or disposal and solid diking material to separate promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

Section 7. Handling and Storage



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Handling & Storing: In accordance with good industrial practice avoid unnecessary personal contact. Wash face and hands before eating, drinking, or smoking. Store in original container, away from excessive heat and keep in a dry are.

Section 8. Exposure Controls / Personal Protective Equipment

For Manufacturing Use Only:

Ventilation: Use local Exhaust.

Protective Gloves: Neoprene gloves.

Eye Protection: Include splash guards and side shields.

Respiratory Protection: Use with adequate Ventilation and avoid breathing vapors.

Clothing: Coveralls.

Other Protective Eye bath and shower.

Section 9. Physical and Chemical Properties

Appearance @ 25°C: Clear Colorless Liquid

Viscosity (RVT): 2300-4300cps

Odor @ 25°C: Sweet and Sour

Vapor Pressure: 22 mm Hg @ 20°C (Toluene)

pH Not applicable

Vapor Density: 3-4 times heavier than air

Specific Gravity: Not available

Evaporation Rate: 1.9 (Toluene)

Ignition: Not applicable

Melting Point: Not applicable

Boiling Range: 111°C (Toluene); -74°C (Butyl Acetate)

Solubility in Water Insoluble to Slightly Soluble

Section 10. Stability and Reactivity

Stability: Stable

Hazardous Decomposition Products:

Oxides of Carbon when burned.

Incompatibility (Materials to Avoid):

Strong oxidizing agents.

Hazardous Polymerization:



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Will not occur

Conditions to Avoid: Heat, open flames, sparks, static electricity, sunlight or other ignition sources.

Section 11. Toxicological Information

Sensitivity Data:

For Toluene: Eye Human: 300 ppm.

For Butyl Acetate: Eye Human: 300 ppm.

Mutagenicity: No data available.

Reproductive Toxicity Data:

No data available.

Toxicity Data: No data available.

Section 12. Ecological Information

Aquatic Toxicity: No data available

Ecotoxicity Data: No data available

Environmental Fate:

For Toluene: When released into soil, may evaporate to moderate extent. When released into soil, expected to leach into groundwater. When released into soil, may biodegrade to moderate extent. When released into water, may evaporate to moderate extent. When released into water, may biodegrade to moderate extent. When released into air, may moderately degraded by reaction with photo chemically produced hydroxyl radicals. When released into air, expected to have a half-life of less than 1 day. This material is not expected to significantly bioaccumulate.

Section 13. Disposable Considerations

Waste Disposal Method:

When discarded it is as a hazardous waste by the EPA under RCRA. Incinerate liquid and diking material after addition of excess inhibitor, in accordance with Federal, State, and local regulations.

Disposal of Empty Containers:

Reuse of empty drums or containers is not recommended. Employees should be advised of the potential hazards, due to residual flammable material, associated with empty containers. It is our policy to discourage the reuse of empty containers and to dispose of all empty containers properly, in accordance with Federal, State and Local regulations.



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Section 14. Transportation Information

<DOT Information>

Proper Shipping Name:	Flammable Liquid, n.o.s. (Toluene, Butyl Acetate)
DOT/UN Class	3, Flammable Liquid
Packaging Group:	II
UN ID Number	UN 1993

Section 15. Regulatory Information

SARA Reporting Requirements: N/A

SARA Threshold Planning Quantity:

There are no specific Threshold Planning Quantities for the components of this product.

TSCA Inventory Status:

The components of this product are listed on the TSCA Inventory.

CERCLA Reportable Quantity (RQ):

N/A

Other Federal Requirements:

This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR

Other Canadian Regulations:

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List.

State Regulatory Information:

This product may contain components that are covered under specific state criteria.

Warning Code: F-Flammable

Risk Statements: R10-Flammable

R36/38 - Irritating to eyes and skin

R43 - May cause sensitization by skin contact



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Safety Statements:

- S3 - Keep in a cool place
- S7/8 - Keep container tightly closed and dry
- S9 - Keep container in a well ventilated place
- S15/16 - Keep away from heat, sources of ignition - No smoking
- S20 - When using do not eat or drink
- S23 - Do not breath spray
- S24/25 - Avoid contact with skin and eyes
- S 29 - Do not empty into drains
- S37/39 - Wear suitable gloves and eye/face protection

Section 16. Other Information

HMIS Rating:

Health:	3
Flammability:	3
Reactivity:	0

NFPA Rating:

Health:	3
Flammability:	3
Reactivity:	0