

**AMERICAN INTERNATIONAL INDUSTRIES**

2220 GASPAR AVENUE
LOS ANGELES, CA 90040
CHEM-TEL: (800) 255-3924

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: EzFlow A Polymer Acrylic Powder - Clear **DATE:** 3/10/2004
FORMULA: 30-1353 **REV.** 01

Section 1. Material Identification and Information**Hazardous Ingredients:**

Component	CAS #	%	TOXICOLOGICAL DATA
Acrylates Copolymer	25685-29-4	60-100%	ACGIH TLV/TWA: 10mg/m ³ OSHA PEL/TWA: 15mg/m ³

Section 2. Physical / Chemical Characteristics

Boiling Point:	N/A	Specific Gravity:	1.25
Vapor Pressure:	Not Determined	(@ 25°C)	
(mm Hg and Temperature)		Melting Point:	N/A
Vapor Density:	Not Determined	Evaporation Rate:	3.0
(Air = 1)		(BuAc = 1)	
Solubility in Water:	Insoluble	Water Reactive:	N/A
Appearance:	Fine clear to pigmented powder		
Odor:	Faint odor in bulk		

Section 3. Fire and Explosion Hazard Data

Flash Point and Method Used: 304°C, 580°F
Auto-Ignition Temperature: N/A
Flammability Limits in Air % by Volume: **LEL:** N/A
UEL: N/A
Extinguisher Media: Water, carbon dioxide, or dry chemical
Special Fire Fighting Procedures: Avoid extinguishing methods which may generate dust clouds. Water stream can disperse dust into air, producing a fire hazard and possible explosion hazard if exposed to ignition source.
Unusual Fire and Explosion Hazards: Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are approximately those of coal dust.
Explosion Hazard: Firefighters should wear self-contained breathing apparatus.
Sensitive to Hazard: No.
Sensitive to Static Discharge: No.

Section 4. Reactivity Hazard Data

Stability: ☒ Stable ☐ Unstable
Conditions to Avoid: Heating above 240°C, 464°F

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Incompatibility (Materials to Avoid):

Strong oxidizing agents.

Hazardous Decomposition:

Methacrylate Monomer and Oxides of Carbon when burned.

Hazardous Polymerization:

☐ May Occur ☒ Will Not Occur

Section 5. Health Hazard Data**Primary Routes of Entry:**

☒ Inhalation ☒ Skin Absorption ☐ Ingestion ☒ Eyes

Carcinogen Listed In:

☐ NTP ☐ IARC Monograph ☐ OSHA ☒ Not Listed

Emergency Overview:

For Polymer: May irritate eyes, skin and respiratory tract. OSHA classifies this material as Particulates, Not Otherwise Classified.

Health Hazards:

Acute: Eye Contact:	May be irritating to the eyes by gross overexposure, no matter how generated. Symptoms of overexposure may include redness, itching, irritation and watering. Keep dust out of eyes.
Skin Contact:	May be irritating to skin in some sensitive individuals, especially after prolonged and/or repeated contact.
Inhalation:	May be irritated by gross overexposure, no matter how generated.
Ingestion:	Not expected to cause any harmful effects. May be irritating if product is swallowed, may cause nausea, headache. Vomiting and/or diarrhea.
Chronic:	None known.

Emergency First Aid Procedures:

Eye Contact:	If product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. If irritation occurs, contact a physician.
Skin Contact:	If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the effected area with soap and water. If irritation, redness or swelling persists, contact a
Inhalation:	Remove to fresh air. Seek immediate medical attention.
Ingestion:	If ingested,, do not induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting,
Clothing:	Remove contaminated clothing. Wash thoroughly before reuse.
Treatment:	Treat symptoms conventionally, after thorough decontamination.

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Section 6. Control and Protective Measures**Respiratory Protections (Specific Type):**

No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per US OSHA's requirement in 29 CFR 1910.134, or applicable US state regulations, or the appropriate standards of Canada, its provinces, EC member states, or Australia.

Protective Gloves:

If anticipated that prolonged & repeated skin contact will occur during use of this product, wear latex or rubber gloves for routine industrial use. If necessary, refer to US OSHA 28 CFR 1910.138, the appropriate standards of Canada, of the EC member states.

Eye Protection:

Depending on the use of this product, splash or safety glasses may be worn. If necessary, refer to US OSHA 29 CFR 1910.133, Canadian standards, or the European Standard EN166. Ensure that an eyewash station, sink, or washbasin is available in case of exposure to eyes.

Ventilation to be Used:

When working with large quantities of product, provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure that an eyewash station, skin or washbasin is available in case of exposure to eyes. Use good, local exhaust at processing equipment, including buffers, sanders, grinders and polishers.

Other Protective Clothing and Equipment:

No special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate standards of Canada, the EC members states, or US OSHA. Provide eyewash, safety shower and impervious clothing are recommended. High temperature processing equipment should be well be ventilated.

Hygienic Work Practices:

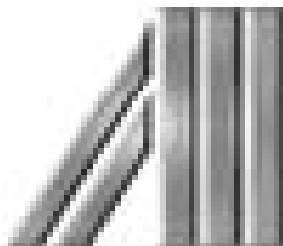
Good Manufacturing Practices.

Section 7. Precautions for Safe Handling and Use / Leak Procedures**Steps to be Taken if Material is Spilled or Released:**

Before cleaning any spill or leak, individuals involved in spill clean-up must wear appropriate Personal Protective Equipment. Wear appropriate personal protective equipment (e.g., goggles, gloves). Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills. Dispose of properly in accordance with local, state, and federal regulations. Wash all affected areas with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.

Waste Disposal Methods:

Dispose in a landfill or incinerate according to Federal, State, and Local regulations.

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Disposal of Empty Containers:

Reuse of empty drums or containers is not recommended. Employees should be advised of the potential hazards, due to residual 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.

Precautions for Handling:

Use in well ventilated areas. Avoid contact with skin, eyes, and clothing. Avoid breathing dust. Use good personal hygiene and housekeeping.

Precautions for Storage:

Store containers in a cool, dry location, away from direct sunlight, other light sources, or sources of intense heat. Material should be stored in secondary containers as appropriate. Keep container closed to prevent water absorption and contamination.

Industrial Hygiene Practices:

Avoid prolonged contact with the product. Use in a well-ventilated location (e.g., local exhaust ventilation, fans.). After use, wash hands and exposed skin with soap and water. Do not eat, drink, or smoke while handling product.

Section 8. Toxicological Properties

Toxicity Data: This product has NOT been tested on animals to obtain toxicology data. There are toxicology data for the components of the product, which are found in scientific literature. These data have not been presented in this document.

Mutagenicity Data: This product is not reported to produce mutagenic effects in humans.

Reproductive Toxicity Data:

For Polymer: Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.
Teratogenicity:	This product is not reported to cause teratogenic effects in humans.
Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.

Section 9. Ecological Information

Aquatic Toxicity:

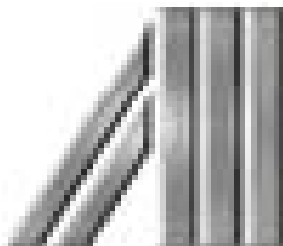
For Polymer: There is no specific data available for this product; however, very large releases of this product may be harmful or fatal to overexposed aquatic life.

Environmental Fate:

There is no specific data available for this product.

Section 10. Transportation

DOT/UN Shipping Name:	Plastic Material, NOI
NMFC Item #:	59420
Schedule B:	3906.90.6000

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Section 11. Regulatory Information**SARA Reporting Requirements:**

N/A

SARA Threshold Planning Quantity:

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

ISCA Inventory Status:

The components of this product are listed on the TSCA Inventory. For use in FDA regulated products only.

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 subchapter G (Cosmetics).

Other Canadian Regulations:

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

State Regulatory Information:

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

Risk Statements:

R36/37/38 - Irritating to eyes, respiratory system and skin.
R43 - May cause sensitization by skin contact.

Safety Statements:

S3 - Keep in a cool place.
S7 - Keep in container tightly closed.
S9 - Keep container in a well ventilated place.
S20 - When using do not eat or drink.
S29 - Do not empty into drains.
S37/39 - Wear suitable gloves and eye/face protection.

Section 12. Other Information**Hazardous Material Identification System (HMIS) Rating:**

Health = 1/Flammability = 1/Reactivity = 0

Personal Protective Equipment: Gloves and Safety Glasses or Chemical Splash Goggles.

National Fire Protection Association (NFPA) Hazard Identification Rating:

Health = 1/Flammability = 1/Reactivity = 0