

**AMERICAN INTERNATIONAL INDUSTRIES**

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

MATERIAL SAFETY DATA SHEET**PRODUCT NAME:** EzFlow High Definition - White Powder**DATE:** 11/17/2005**FORMULA:** 30-2046**REV.****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
Benzoyl Peroxide	94-36-0	0-1%	ACGIH TLV/TWA: 5mg/m ³ OSHA PEL/TWA: 5mg/m ³
Titanium Dioxide (CI 77891)	13463-67-7	0-1%	ACGIH TLV/TWA: 10mg/m ³ OSHA PEL/TWA: 15mg/m ³

Section 2. Physical / Chemical Characteristics

Boiling Point:	N/A	Specific Gravity:	N/A
Vapor Pressure:	Not Determined	(@ 25°C)	
(mm Hg and Temperature)		Melting Point:	N/A
Vapor Density:	Not Determined	Evaporation Rate:	N/A
(Air = 1)		(BuAc = 1)	
Solubility in Water:	Insoluble	Water Reactive:	N/A
Appearance:	Fine, white 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. Fire-fighters should wear self-contained breathing apparatus.
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.

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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

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

Health Hazards:

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

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

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.

Ingestion: Higher concentration can irritate respiratory system.

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: Methyl Methacrylate 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 Benzoyl Peroxide: repeated or prolonged contact may cause skin sensitization.

Emergency First Aid Procedures:

Eye Contact: Flush with water for 15 minutes, including under eyelids. **Get medical**

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	help if discomfort persists.
Skin Contact:	Wash with soap and water. Get medical help if discomfort persists.
Inhalation:	Remove to fresh air. Get medical help if discomfort persists.
Ingestion:	Rinse mouth out with water. Call doctor if amount was large.

Section 6. Control and Protective Measures**General:**

Dust collectors are recommended for handling powder in bulk.

Respiratory Protections (Specific Type):

Avoid breathing dust and mist. Use dust mask.

Protective Gloves:

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

Eye Protection:

Use safety glasses and have eye flushing equipment immediately available.

Ventilation to be Used:

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.

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.

Disposal of Empty Containers:

Reuse of empty drums or containers is not recommended. Employees should be advised of the

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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.

Explosion Hazard:

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

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:

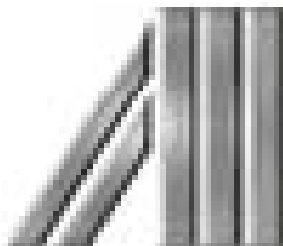
For Polymer: There is no specific data available for this product; however, very large releases of this product may be harmful or fatal to overexposed aquatic life.

Environmental Fate:

There is no specific data available for this product.

Section 10. Transportation

DOT/UN Shipping Name: Non-Regulated Material

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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 (TPQ)

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

SARA Title III: Section 302 (RQ)

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: Benzoyl Peroxide CAS #94-36-0.

TSCA Section 8(b) Inventory:

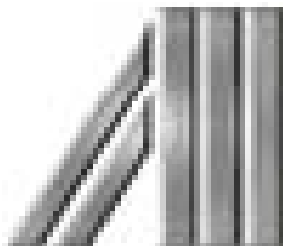
This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.

TSCA Significant New Use Rule:

None of the chemicals listed have a SNUR under TSCA.

State Regulations:

CA Right-to-Know Law:	Benzoyl Peroxide CAS #94-36-0
MA Right-to-Know Law:	Titanium Dioxide CAS# 13463-67-7, Benzoyl Peroxide CAS #94-36-0
NJ Right-to-Know Law:	Titanium Dioxide CAS# 13463-67-7, Benzoyl Peroxide CAS #94-36-0
PA Right-to-Know Law:	Titanium Dioxide CAS# 13463-67-7, Benzoyl Peroxide CAS

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	#94-36-0
FL Right-to-Know Law:	Benzoyl Peroxide CAS #94-36-0
MN Right-to-Know Law:	Titanium Dioxide CAS# 13463-67-7, Benzoyl Peroxide CAS #94-36-0

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

Health = 1/Flammability = 1/Reactivity = 1

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

National Fire Protection Association (NFPA) Hazard Identification Rating:

Health = 1/Flammability = 1/Reactivity = 1