

**AMERICAN INTERNATIONAL INDUSTRIES**2220 GASPAR AVENUE
LOS ANGELES, CA 90040
CHEM-TEL: (800) 255-3924**MATERIAL SAFETY DATA SHEET****PRODUCT NAME:** IBD Dehydrate **DATE:** 2/2/2005
FORMULA: 30-1311/60112 **REV.** NEW**Section 1. Material Identification and Information****Hazardous Ingredients:**

Component	CAS #	%	TOXICOLOGICAL DATA
Ethyl Acetate	141-78-6	>30%	OSHA TWA/STEL: 400ppm ACGIH TWA/STEL: 400ppm
Isopropyl Alcohol	67-63-0	>40%	OSHA TWA/STEL: 400ppm ACGIH TWA/STEL: 400ppm
Isobutyl Acetate	110-19-0	>20%	OSHA TWA/STEL: 150ppm ACGIH TWA/STEL: 150ppm

Section 2. Physical / Chemical Characteristics

Boiling Point: 77°C	Specific Gravity: N/A
Vapor Pressure: 77 mm Hg @ 20°C (mm Hg and Temperature)	(@ 25°C)
Vapor Density: 3 (Air = 1)	Melting Point: N/A
Solubility in Water: 8.7% @ 20°C	Evaporation Rate: 4.5 (Butyl Acetate = 1)
Appearance: Clear Colorless Mobile Liquid	Water Reactive: N/A
Odor: Fruity, Pungent Mix	pH: N/A
	% Volatile: 99%+

Section 3. Fire and Explosion Hazard Data

Flash Point:	68°C
Auto-Ignition Temperature:	No Data Available
Flammability Limits in Air % by Volume:	LEL: 2% UEL: 11.4%
Extinguisher Media:	Use CO ₂ or dry chemical for small fires or alcohol type aqueous film forming foam.
Fire Fighting Procedures:	If potential for exposure to vapors or products of combustion, wear complete personal protective equipment including self contained breathing apparatus, with full face operated in pressure demand. Fight fire from a safe distance/protected location.

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Flammable. When exposed to heat and flame, material is a fire explosion hazard. Vapor is heavier than air and can travel considerable distance to source of ignition and flash back. Material creates a special hazard if it floats on water.

Section 4. Reactivity Hazard Data**Stability:** Stable Unstable**Conditions to Avoid:** Keep away from heat, sparks and flame.**Incompatibility (Materials to Avoid):**

Oxidizing Agent i.e. Hydrogen peroxide, Nitric Acid, Perchloric Acid, Chromium Trioxide

Hazardous Decomposition:

Carbon Monoxide

Hazardous Polymerization: May Occur Will Not Occur**Section 5. Health Hazard Data****POTENTIAL HEALTH EFFECTS, SIGNS and SYMPTOMS OF EXPOSURE:****Primary Routes of Entry:** Inhalation Skin Absorption Ingestion Eye Contact

Eye: Liquid contact with eyes can cause irritation and possible corneal damage.

Skin: Repeated/prolonged contact may cause drying of skin. Symptoms include redness, burning, drying, cracking and skin burns.

Ingestion: Swallowing small amounts during normal handling is not likely to cause harmful effects; swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting.

Inhalation: Vapors are irritating to nasal passages and throat and may cause stupor or headache.

Sub-Chronic Effects: Significant exposure to this chemical may adversely affect people with chronic disease or may cause damage to the respiratory system, skin and eyes.

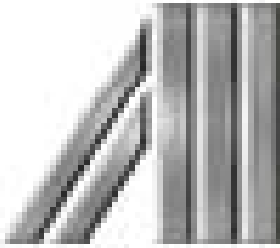
NOTE: Refer to Section 11, Toxicological Information for Details**Emergency First Aid Procedures:**

Eye Contact: Flush with water for 15 minutes, including under eyelids. Get medical help if discomfort persists.

Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing. Get medical help if discomfort persists.

Ingestion: If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with head down. Seek medical attention for advice about whether to induce vomiting. If possible, do not leave individual unattended.

Inhalation: Remove to fresh air. If having breathing difficulty, give oxygen. If breathing has stopped, give artificial respiration. Seek medical attention if discomfort persists.



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2220 GASPAR AVENUE
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CHEM-TEL: (800) 255-3924

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: IBD Dehydrate **DATE:** 2/2/2005
FORMULA: 30-1311/60112 **REV.** NEW

Section 6. Control and Protective Measures

Engineering Controls:

Use process enclosures, local exhaust ventilation or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment.

General: Use complete protective equipment, as specified below. Provide eye wash stations and showers.

Respiratory Protections (Specific Type):

Use self contained breathing apparatus when needed.

Protective Gloves: Not required.

Eye/Face Protection: Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type of safety glasses.

Skin Protection: Wear chemical resistant neoprene or rubber gloves.

Section 7. Precautions for Safe Handling and Use / Leak Procedures

Steps to be Taken if Material is Spilled or Released:

Evacuate area and eliminate all possible sources of ignition. Use self-contained breathing apparatus and protective clothing. Dike and absorb with inert materials (sand, soda, ash, vermiculite, etc.) and then transfer to proper containers for disposal, using non-sparking tools. Keep spills out of sewers and open bodies of water. Remove saturated clothing and wash affected areas with soap and water.

Waste Disposal Methods:

Dispose of in accordance with your local, state, and federal regulations.

Handling:

Closed containers exposed to temperature above (120°F) in transit or storage may develop vapor pressure. Open containers slowly. Ground all metal containers when transferring material. Wash face and hands thoroughly with soap and water after handling and before eating, drinking or smoking.

Storage:

Store in a cool, well ventilated area away from heat, sparks and flame. Keep containers closed when not in use.

Other Precautions and/or Special Hazards:

Flammable liquid. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

Section 8. Toxicological Information

Acute Oral Toxicity:

Mouse: LD50 = 3600 mg/kg

Acute Dermal Toxicity:

No Data Available

Acute Inhalation Toxicity:

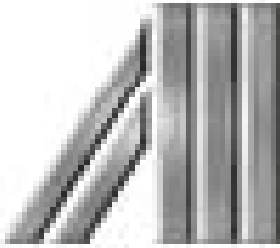
Rat = 1030 ug/m3/16W

Irritation – Skin:

Skin, rabbit: LD50 = 12800 mg/kg

Irritation - Eye:

No Data Available



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

MATERIAL SAFETY DATA SHEET

PRODUCT NAME:	IBD Dehydrate	DATE:	2/2/2005
FORMULA:	30-1311/60112	REV.	NEW
Sensitization	No Data Available		
Mutagenicity:	Rat = 1030 ug/m3/16W		
Sub-Chronic Toxicity:	No Data Available		

Section 9. Ecological Information

Ecotoxicological Information

Acute Toxicity to Fish:	The LC50/96-hour values for fish are over 100 mg/l.
Acute Toxicity to Invertebrates:	N/ DA
Acute Toxicity to Algae:	N/ DA
Bioconcentration:	N/ DA
Toxicity to Sewage Bacteria:	N/ DA

Chemical Fate Information:

Biodegradability: When released into the soil, this material is expected to quickly evaporate. When released into the soil, this material may leach into groundwater. When released into the soil, this material may biodegrade to a moderate extent. When released to water, this material is expected to quickly evaporate. When released into the water, this material is expected to have a half-life between 1 and 10 days. When released into water, this material may biodegrade to a moderate extent. This material is not expected to significantly bioaccumulate.

Section 10. Disposable Concentrations

All notification, clean up and disposal should be carried out in accordance with Federal, State and Local government regulations. Mix with compatible chemical which is less flammable and incinerate.

Section 11. Transport Information

DOT/ UN Shipping Name: UN 1993; Flammable liquid, n.o.s. Class 3, PG II

Section 12. Regulatory Information

US Federal Regulations

Clean Air Act HAP/ODS:

This product contains the following HAP's or ODS: None

Clean Water Act Priority Pollutant:

The following ingredients are listed as hazardous pollutants under the CWA: Isobutyl Acetate CAS #110-19-0. None of the ingredients are listed as primary pollutants nor are they listed as toxic pollutants.

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2220 GASPAR AVENUE
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MATERIAL SAFETY DATA SHEET

PRODUCT NAME:	IBD Dehydrate	DATE:	2/2/2005
FORMULA:	30-1311/60112	REV.	NEW

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 packaging additive.

Occupational Safety and Health Act:

This product is considered to be hazardous under the OSHA Hazard Communication Standard. It's hazards are: Immediate (acute) health hazard, Fire hazard

SARA Title III: Section 302

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

SARA Title III: Section 304:

This product contains chemicals regulated under Section 304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List): Ethyl Acetate CAS #141-78-6, RQ (Lbs) 5000, Isobutyl Acetate CAS # 110-19-0 RQ (Lbs) 5000.

SARA Title III: Section 311-312:

This product is considered to be hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). Its hazards are: Immediate (acute) health hazard, Fire hazard

SARA Title III: Section 313:

This product contains the following chemicals which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: Isopropyl Alcohol CAS: 67-63-0

TSCA Section 8(b):

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

RCRA:

This product contains the following chemicals considered to be hazardous waste under RCRA (40 CFR 261). Ethyl Acetate CAS #141-7-6 RCRA Code U112.

State Regulations**CA Right-to-Know Law:**

Ethyl Acetate CAS #141-78-6, Isopropyl Alcohol CAS #67-63-0, Isobutyl Acetate CAS #110-19-0.

MA Right-to-Know Law:

Ethyl Acetate CAS# 141-78-6, Isopropyl Alcohol CAS #67-63-0, Isobutyl Acetate CAS #110-19-0.

NJ Right-to-Know Law:

Ethyl Acetate CAS# 141-78-6, Isopropyl Alcohol CAS #67-63-0, Isobutyl Acetate CAS #110-19-0.

PA Right-to-Know Law:

Ethyl Acetate CAS# 141-78-6, Isopropyl Alcohol CAS #67-63-0, Isobutyl Acetate CAS #110-19-0.

FL Right-to-Know Law:

Ethyl Acetate CAS# 141-78-6, Isopropyl Alcohol CAS #67-63-0, Isobutyl Acetate CAS #110-19-0.

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2220 GASPAR AVENUE
LOS ANGELES, CA 90040
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MATERIAL SAFETY DATA SHEET

PRODUCT NAME:	IBD Dehydrate	DATE:	2/2/2005
FORMULA:	30-1311/60112	REV.	NEW

MN Right-to-Know Law:

Ethyl Acetate CAS# 141-78-6, Isopropyl Alcohol CAS #67-63-0, Isobutyl Acetate CAS #110-19-0.

International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List):

Ethyl Acetate CAS# 141-78-6, Isopropyl Alcohol CAS #67-63-0, Isobutyl Acetate CAS #110-19-0.

EINECS: European Inventory:

- Isobutyl Acetate (203-745-1): Hazard Symbol (F), R Values (R11), S Values (S9, S16, S23, S29, S33)
- Ethyl Acetate (205-500-4): Hazard Symbol (XI F), R Values (R11, R36, R66, R67), S Values (S16, S26, S33)
- Isopropyl alcohol (200-661-7): Hazard Symbol (F), R Values (R11), S Values (S7, S16)

Section 13. Other Information

Hazard Rating System:

NFPA: Health = 2/Flammability = 3/Reactivity = 1
HMIS: Health = 2/Flammability = 3/Reactivity = 1

**AMERICAN INTERNATIONAL INDUSTRIES**2220 GASPAR AVENUE
LOS ANGELES, CA 90040
CHEM-TEL: (800) 255-3924**MATERIAL SAFETY DATA SHEET****PRODUCT NAME:** IBD Clear Gel **DATE:** 9/15/2004
FORMULA: 30-4357 **REV.** NEW**Section 1. Material Identification and Information****Hazardous Ingredients:**

Component	CAS #	%	TOXICOLOGICAL DATA
Acrylated Oligomer	N/A	50-100%	None Established

Section 2. Physical / Chemical Characteristics

Boiling Point:	N/A	Specific Gravity:	Not Available (@ 25°C)
Vapor Pressure: (mm Hg and Temperature)	Not Available	Melting Point:	N/A
Vapor Density: (Air = 1)	Not Available	Evaporation Rate:	Negligible
Solubility in Water:	Insoluble	Water Reactive:	No
Appearance:	Clear Colorless Viscous Gel	Viscosity: (@ 25°C)	75,000cps
Odor:	Characteristic		

Section 3. Fire and Explosion Hazard Data

Flash Point:	N/A
Auto-Ignition Temperature:	N/A
Flammability Limits in Air % by Volume:	LEL: N/A UEL: N/A
Extinguisher Media:	Carbon dioxide, dry chemical, or foam.
Special Fire Fighting Procedures:	Cool exposed containers with water spray. Use self-contained breathing apparatus in confined areas.
Unusual Fire and Explosion Hazards:	Product may polymerize at high temperatures. Polymerization is an exothermic reaction and may produce sufficient heat to cause decomposition and/or rupture containers.

Section 4. Reactivity Hazard Data

Stability: Stable Unstable
Conditions to Avoid: Polymerization may occur at high temperatures.
Incompatibility (Materials to Avoid):
Direct heat, sunlight, primary and secondary amines, acids and alkalies.
Hazardous Polymerization: May Occur Will Not Occur

**AMERICAN INTERNATIONAL INDUSTRIES**2220 GASPAR AVENUE
LOS ANGELES, CA 90040
CHEM-TEL: (800) 255-3924**MATERIAL SAFETY DATA SHEET****PRODUCT NAME:** IBD Clear Gel**DATE:** 9/15/2004**FORMULA:** 30-4357**REV.** NEW**Section 5. Health Hazard Data****Primary Routes of Entry:** Inhalation Skin Absorption Ingestion Eye Contact**Carcinogen Listed In:** NTP IARC Monograph OSHA Not Listed**Health Hazards:** Acute: May cause skin irritation in certain individuals. Eye Contact: May be irritating.

Chronic: May cause dermal sensitization in certain individuals.

Signs and Symptoms of Exposure:

Redness, itching or swelling of skin. May cause eye irritation.

Medical Conditions Generally Aggravated by Exposure:

None known.

Emergency First Aid Procedures:

Eye Contact: Thoroughly flush eyes with water. Contact a physician.

Skin Contact: Remove contaminated clothing, wash with soap and water. Contact a physician.

Inhalation: Not applicable.

Ingestion: Do not induce vomiting. Seek medical attention.

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

Not required with normal use.

Protective Gloves: Recommended for sensitive skin.**Eye Protection:** Safety goggles.**Ventilation to be Used:** Local Exhaust Other (Specify)**Other Protective Clothing and Equipment:**

None

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:**

Soak up with inert absorbent material (sand, vermiculite). Flush area immediately with water. Prevent water from entering waterways.

Waste Disposal Methods:

Use landfill or incinerate in accordance with applicable local, state, and federal regulations.



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

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: IBD Clear Gel

DATE: 9/15/2004

FORMULA: 30-4357

REV. NEW

Precautions to be taken in Handling and Storing:

Store in a cool, shaded, well ventilated, dry area away from direct heat and sunlight.

Other Precautions and/or Special Hazards:

None

**AMERICAN INTERNATIONAL INDUSTRIES**2220 GASPAR AVENUE
LOS ANGELES, CA 90040
CHEM-TEL: (800) 255-3924**MATERIAL SAFETY DATA SHEET****PRODUCT NAME:** IBD Bonder Gel **DATE:** 11/18/2005
ITEM: 30-4890 **REV.** NEW**Section 1. Material Identification and Information****Hazardous Ingredients:**

Component	CAS #	%	TOXICOLOGICAL DATA
Hydroxypropyl Methacrylate	27813-02-1	~30%	None Established
Neopentylglycol Propocylate Diacrylate	84170-74-1	~5%	None Established

Section 2. Physical / Chemical Characteristics

Boiling Point: Will polymerize before boiling. **Specific Gravity:** ~ 1.05
Vapor Pressure: < 1mmHg @ 70°F / 21°C (H₂O = 1)
(mm Hg and Temperature) **Melting Point:** N/A
Vapor Density: Not Available **Evaporation Rate:** N/A
(Air = 1) **Water Reactive:** No
Solubility in Water: Parially
Appearance: Colorless Liquid
Odor: Slightly Sweet Odor

Section 3. Fire and Explosion Hazard Data

Flash Point and Method Used: 228°F / 109°C (PMCC)
Auto-Ignition Temperature: N/A
Flammability Limits in Air % by Volume: **LEL:** N/A
UEL: N/A
Extinguisher Media: Water spray, carbon dioxide, and dry chemic
Special Fire Fighting Procedures: Cool exposed containers with water spray. Use self-contained breathing apparatus in confined areas.
Unusual Fire and Explosion Hazards: Product may polymerize at high temperatures. Polymerize may produce sufficient heat to cause thermal decomposition and/or rupture of containers. Thermal decomposition can lead to the evolution of irritant vapors or gases and/or fires.

Section 4. Reactivity Hazard Data

Stability: Stable Unstable
Conditions to Avoid: Heat, organic or inorganic free radical producing initiators, exposure to sunlight, ultraviolet light or ionizing radiation, trace metals, alkaline substances. Direct heat, chemical combination, sunlight, ultraviolet light or ionizing radiation. Do not exceed 60°C for limited periods if warming is required.

**AMERICAN INTERNATIONAL INDUSTRIES**2220 GASPAR AVENUE
LOS ANGELES, CA 90040
CHEM-TEL: (800) 255-3924**MATERIAL SAFETY DATA SHEET****PRODUCT NAME:** IBD Bonder Gel **DATE:** 11/18/2005
ITEM: 30-4890 **REV.** NEW**Incompatibility (Materials to Avoid):**

Primary and secondary amines, acids, alkalies, free radical producing initiators.

Hazardous Decomposition:

Carbon Dioxide, Carbon Monoxide

Hazardous Polymerization: May Occur Will Not Occur**Section 5. Health Hazard Data****Primary Routes of Entry:** Inhalation Skin Absorption Ingestion Eye Contact**Carcinogen Listed In:** NTP IARC Monograph OSHA Not Listed**Health Hazards:**

Acute: May cause skin irritation on prolonged contact. Eye irritant. Ingestion may cause irritation to the mucous membranes of mouth, throat, and digestive tract.

Chronic: May cause sensitization on repeated skin contact.

Signs and Symptoms of Exposure:

Irritated skin and eyes. Reddening or swelling of affected area.

Medical Conditions Generally Aggravated by Exposure:

None known.

Emergency First Aid Procedures:Eye Contact: Flush with large amounts of water for at least 15 minutes holding lids apart. In case of irritation, consult a physician.
Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing and footwear. Get medical attention if irritation should develop.
Inhalation: Remove to fresh air and consult physician.
Ingestion: Do not induce vomiting. Immediately consult a physician.**Section 6. Control and Protective Measures****Respiratory Protections (Specific Type):**

NIOSH / MSHA approved respirator in cases of high vapor concentration.

Protective Gloves: Impervious (butyl rubber, neoprene)**Eye Protection:** Chemical splash goggles.**Ventilation to be Used:** Local Exhaust Other (Specify)**Other Protective Clothing and Equipment:**

When handling larger quantities, apron and rubber boots.

Hygienic Work Practices:

Avoid contact with eyes, skin, and mucous membranes. Otherwise follow the standards of good industrial hygiene practice.

**AMERICAN INTERNATIONAL INDUSTRIES**

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

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: IBD Bonder Gel

DATE: 11/18/2005

ITEM: 30-4890

REV. NEW

Section 7. Precautions for Safe Handling and Use / Leak Procedures

Steps to be Taken if Material is Spilled or Released:

Stop leaks. Clean up large spills with vacuum truck. Soak up small spills with absorbent material. Wear adequate personal protective clothing and equipment.

Waste Disposal Methods:

Dispose in an approved chemical waste landfill or incinerate in accordance with applicable Federal, State, and Local regulations.

Precautions to be taken in Handling and Storing:

Store below 85°F in well ventilated area away from direct sunlight, initiators, oxidizing and/or reducing agents. Do not fill containers completely.

Other Precautions and/or Special Hazards:

After expiration of storage time spontaneous polymerization may occur.

AMERICAN INTERNATIONAL INDUSTRIES2220 GASPAR AVENUE
LOS ANGELES, CA 90040
CHEM-TEL: (800) 255-3924**MATERIAL SAFETY DATA SHEET****PRODUCT NAME:** IBD Flex Powder - Crystal Clear**DATE:** 5/13/2004**FORMULA:** 30-0260**REV.** NEW**Section 1. Material Identification and Information****Hazardous Ingredients:**

Component	CAS #	%	TOXICOLOGICAL DATA
Acrylates Copolymer	25685-29-4	> 99%	OSHA TWA/STEL: 15 mg/m ³ ACGIH TWA/STEL: 10mg/m ³
Benzoyl Peroxide	94-36-0	< 1%	OSHA TWA/STEL: 5 mg/m ³ ACGIH TWA/STEL: 5mg/m ³

Section 2. Physical / Chemical Characteristics

Boiling Point:	N/A	Specific Gravity:	N/A
Vapor Pressure:	N/A	(H ₂ O = 1)	
(mm Hg and Temperature)		Melting Point:	N/A
Vapor Density:	N/A	Evaporation Rate:	N/A
(Air = 1)		(Butyl Acetate = 1)	
Solubility in Water:	Insoluble	Water Reactive:	N/A
Appearance:	Fine Clear Powder	pH:	N/A
Odor:	Faint odor in bulk	% Volatile:	N/A

Section 3. Fire and Explosion Hazard Data

Flash Point:	580°F (Tag Closed cup)
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.
Fire Fighting Procedures:	Avoid 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 Fire and Explosion Hazards:	Polymer dust is combustible, explosive limits of the polymer particles suspended in air are approximately those of coal dust.

Section 4. Reactivity Hazard Data**Stability:** Stable Unstable

**AMERICAN INTERNATIONAL INDUSTRIES**2220 GASPAR AVENUE
LOS ANGELES, CA 90040
CHEM-TEL: (800) 255-3924**MATERIAL SAFETY DATA SHEET**

PRODUCT NAME: IBD Flex Powder - Crystal Clear	DATE: 5/13/2004
FORMULA: 30-0260	REV. NEW

Conditions to Avoid: Heating above 240°C / 464°F**Incompatibility (Materials to Avoid):**

Strong oxidizing agents.

Hazardous Decomposition:

Methacrylate monomers.

Hazardous Polymerization: May Occur Will Not Occur**Section 5. Health Hazard Data****Emergency Overview:**

- May cause allergic skin reaction.
- May cause eye irritation.
- Dust may cause irritation of the nose, throat, and lungs.
- This product may contain particulate, not otherwise classified (Nuisance Dust)

Primary Routes of Entry: Inhalation Skin Absorption Ingestion Eye Contact**Potential Health Effects, Signs, and Symptoms of Exposure:****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.**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.

NOTE: Refer to Section 8, Toxicological Information for Details.

**AMERICAN INTERNATIONAL INDUSTRIES**

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

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: IBD Flex Powder - Crystal Clear

DATE: 5/13/2004

FORMULA: 30-0260

REV. NEW

Emergency First Aid Procedures:

Eye Contact: Flush with water for 15 minutes, including under eyelids. Get medical help if discomfort persists.

Skin Contact: Wash with soap and water. Get medical help if discomfort persists.

Ingestion: Rise mouth out with water. Call doctor if amount was large.

Inhalation: Remove to fresh air. Get medical help if discomfort persists.

Section 6. Control and Protective Measures

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.

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

Respiratory Protections:

Avoid breathing dust and mist. Use dust mask.

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

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

Section 7. Precautions for Safe Handling and Use / Leak Procedures

Steps to be Taken if Material is Spilled or Released:

Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills.

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.

Other Precautions and/or Special Hazards:

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

Section 8. Toxicological Information

Acute Oral Toxicity: Oral (Rat) LD₅₀: 7990 mg/kg

Acute Dermal Toxicity: Dermal (Rabbit) LD₅₀: > 35,000 mg/kg

Acute Inhalation Toxicity: Inhalation (Rabbit) LD₅₀: 12,500 to 16,500 ppm for 0.5 hours

**AMERICAN INTERNATIONAL INDUSTRIES**2220 GASPAR AVENUE
LOS ANGELES, CA 90040
CHEM-TEL: (800) 255-3924**MATERIAL SAFETY DATA SHEET**

PRODUCT NAME:	IBD Flex Powder - Crystal Clear	DATE:	5/13/2004
FORMULA:	30-0260	REV.	NEW

Irritation – Skin:	mild
Irritation – Eye:	mild
Sensitization	No Data Available
Mutagenicity:	None
Sub-Chronic Toxicity:	None

Section 9. Ecological Information

Ecotoxicological Information

Acute Toxicity to Fish:	Flathead minnows and goldfish TLm24: 420 ppm Bluegrills TLm24: 368 ppm
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

Section 10. Disposable Concentrations

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

Section 11. Transport Information

DOT/ UN Shipping Name: Non-hazardous, not regulated.

Section 12. Regulatory Information

US Federal Regulations**Clean Air Act HAP/ODS:**

This product contains no hazardous air pollutants (HAP) or ODS's, as defined by the US Clean Air Act.

Clean Water Act Priority Pollutant:

This product contains no chemicals listed under the US Clean Water Act Priority Pollutant List.

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 packaging additive.

**AMERICAN INTERNATIONAL INDUSTRIES**

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

MATERIAL SAFETY DATA SHEET

PRODUCT NAME:	IBD Flex Powder - Crystal Clear	DATE:	5/13/2004
FORMULA:	30-0260	REV.	NEW

Occupational Safety and Health Act:

This product is considered to be hazardous under the OSHA Hazard Communication Standard. It's hazards are: Immediate (acute) health hazard, reactive hazard, fire hazard.

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 Section 302 as extremely hazardous substances.

SARA Title III: Section 304:

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

SARA Title III: Section 311-312:

This product is considered to be hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370).

Is hazards are: None

Immediate (acute) health hazard: None

Reactive Hazard: None

Fire hazard: None

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):

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

State Regulations**CA Right-to-Know Law:**

Benzoyl Peroxide CAS # 94-36-0

MA Right-to-Know Law:

Benzoyl Peroxide CAS # 94-36-0

NJ Right-to-Know Law:

Benzoyl Peroxide CAS # 94-36-0

PA Right-to-Know Law:

Benzoyl Peroxide CAS # 94-36-0

FL Right-to-Know Law:

Benzoyl Peroxide CAS # 94-36-0

MN Right-to-Know Law:

Benzoyl Peroxide CAS # 94-36-0

International Regulations**CDSL: Canadian Inventory (on Canadian Transitional List):**

Benzoyl Peroxide CAS # 94-36-0 is on the DSL list. WHMIS = C, D2B, B4

EINECS: European Inventory:

Benzoyl Peroxide CAS # 94-36-0: Hazard Symbol (Cl E), R Values (R2, R36, R43), S Values (S3, S7, S14, S36/37/39)

**AMERICAN INTERNATIONAL INDUSTRIES**

2220 GASPAR AVENUE
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MATERIAL SAFETY DATA SHEET

PRODUCT NAME: IBD Flex Powder - Crystal Clear

DATE: 5/13/2004

FORMULA: 30-0260

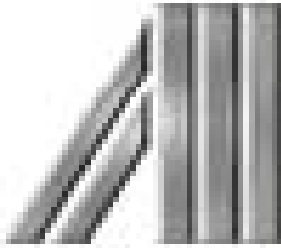
REV. NEW

Section 13. Other Information

Hazard Rating System:

NFPA: Health = 1/Flammability = 1/Reactivity = 1

HMIS: Health = 1/Flammability = 1/Reactivity = 1

**AMERICAN INTERNATIONAL INDUSTRIES**

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MATERIAL SAFETY DATA SHEET

PRODUCT NAME: IBD Intense Seal **DATE:** 7/26/2004
FORMULA: 30-0018 **REV.** NEW

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

Component	CAS #	%	TOXICOLOGICAL DATA
Ethyl Methacrylate	97-63-2	< 10%	OSHA TWA/STEL: 100ppm ACGIH TWA/STEL: 100ppm

Section 2. Physical / Chemical Characteristics

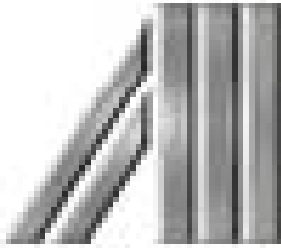
Boiling Point:	N/A	Specific Gravity:	1.15
Vapor Pressure: (mm Hg and Temperature)	< 0.01 @ 20°C		(H2O =1)
Vapor Density: (Air = 1)	No Data	Melting Point:	N/A
Solubility in Water:	Insoluble	Evaporation Rate:	N/A
Appearance:	Clear, Semi-Viscous Liquid	Water Reactive:	N/A
Odor:	Characteristic Acrylate Odor	% Volatile:	By Volume: < 0.5

Section 3. Fire and Explosion Hazard Data

Flash Point and Method Used: 110°F / 43°C (Penske-Martin)
Auto-Ignition Temperature: No Data
Flammability Limits in Air % by Volume: **LEL:** No Data
UEL: No Data
Extinguisher Media: Use carbon dioxide or dry chemical for small fires; aqueous foam or water for large fires.
Special Fire Fighting Procedures: Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products of combustion exists.
Unusual Fire and Explosion Hazards: High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and the violent rupture of storage vessels or containers. Avoid the use of a stream of water to control fires since frothing can occur.

Section 4. Reactivity Hazard Data

Stability: Stable Unstable



AMERICAN INTERNATIONAL INDUSTRIES

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

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: IBD Intense Seal **DATE:** 7/26/2004
FORMULA: 30-0018 **REV.** NEW

Conditions to Avoid: Storage < 100°F / 38°C, exposure to light, loss of dissolved air, loss of polymerization inhibitor, contamination with incompatible materials.

Incompatibility (Materials to Avoid):
Polymerization initiators including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust, and string bases.

Hazardous Decomposition:
Fumes produced when heated to decomposition may include: carbon monoxide, carbon dioxide.

Hazardous Polymerization:
 May Occur Will Not Occur

Section 5. Health Hazard Data

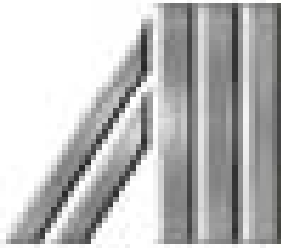
Emergency Overview:
●Flammable liquid and vapor!
●May be slightly toxic.
●May cause moderate skin injury (reddening & swelling).
●May cause chemical burn in eye.

Primary Routes of Entry:
 Inhalation Skin Absorption Ingestion Eye Contact

Carcinogen Listed In:
 NTP IARC Monograph OSHA Not Listed

Health Hazards:
Eye Contact: Contains materials that are essentially nonirritating, but contact may cause slight transient irritation. Material may act as a Lachrymator (a substance which increases the flow of tears).
Skin Contact: Contains materials that may cause moderate skin injury (reddening and swelling) and/or sensitization. Prolonged contact may cause blister formation (burns). Since irritation may not occur immediately, contact can go unnoticed.
Inhalation: May cause respiratory tract irritation with presence of monomer. Vapors may causes dizziness or suffocation.
Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea.
Sub-Chronic Effects: No specific information available. Limited tests showed no evidence of teratogenicity in animals. A lifetime skin painting study with mice showed no evidence of carcinogenicity.

Emergency First Aid Procedures:
Eye Contact: Flush with plenty of water for 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid. Do NOT allow victim to rub or keep eyes closed.
Skin Contact: Remove contaminated clothing and wash contact area with soap and water for 15 minutes. Get medical aid if system persist. Wash clothing before reuse.



AMERICAN INTERNATIONAL INDUSTRIES

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

MATERIAL SAFETY DATA SHEET

PRODUCT NAME:	IBD Intense Seal	DATE:	7/26/2004
FORMULA:	30-0018	REV.	NEW

Inhalation: In case of exposure to a high concentration of vapor or mist, remove person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention.

Ingestion: Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2 to 4 cupfuls of milk or water.

Section 6. Control and Protective Measures

Engineering Controls: Local exhaust recommended to control exposure which may result from operations generating aerosols and hot operations generating vapors.

Personal Protective Equipment:

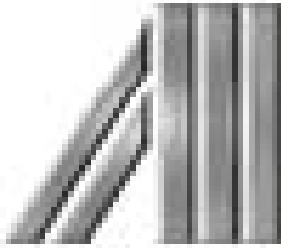
General: To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29 CFR 1910.132), or European Standard EN166 be conducted before using this product. Provide eye wash stations and safety showers. Wear impervious clothing to prevent ANY contact with this product, such as gloves, apron, boots, or whole body suit. Nitrile rubber is better than PVC.

Eye/Face Protection: Wear safety glasses. Wear coverall chemical splash goggles and face shield when possibility exists for eye and face contact due to splashing or spraying material.

Skin Protection: Use impermeable clothing to prevent ANY contact with this product, such as gloves, apron, boots, or whole body suit. Nitrile rubber is better than PVC.

Respiratory Protection: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain limited circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by nuisance level organic vapor dust mask can be used, however the use of the respirator is limited. Follow OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.

Hygienic Work Practices: Good Manufacturing Practices.



AMERICAN INTERNATIONAL INDUSTRIES

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MATERIAL SAFETY DATA SHEET

PRODUCT NAME:	IBD Intense Seal	DATE:	7/26/2004
FORMULA:	30-0018	REV.	NEW

Section 7. Precautions for Safe Handling and Use / Leak Procedures

Steps to be Taken if Material is Spilled or Released:

Eliminate all sources of heat and ignition. Use absorbent material for spills and dike it, wash spill material into retaining containers. Place containers in a well ventilated area. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations. Keep unnecessary and unprotected personnel from entering. Contain and remove liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e.g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as sawdust. Do not flush to sewer! US Regulations (CERCLA) require reporting spills and releases to soil, water, and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802. If a leak or a spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush away from exposures.

Waste Disposal Methods:

Dispose of diking materials and absorbent in compliance with State, Local, and Federal regulations. Residual vapors may explode on ignition; do not cut, drill, or weld on or near the container. Mix with compatible chemical which is less flammable and incinerate. Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state, and local requirements.

Precautions to be taken in Handling and Storing:

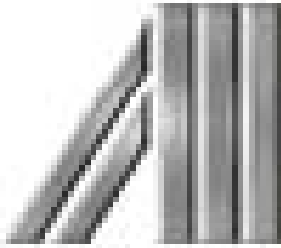
Ground and bond containers when transferring material. Avoid contact with skin and eyes, and clothing. Use with adequate ventilation and avoid breathing in vapor. Keep container closed when not in use. Avoid contact with heat, sparks and flame. Remove all contaminated clothing, shoes, belts, and other leather goods immediately. Incinerate leather goods (including shoes). Wash contaminated clothing thoroughly before reuse. Wash skin thoroughly with soap and water after handling. Solvents should not be used to clean skin because of increased penetration potential. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks, or open flames. Material is extremely light sensitive. Use extreme care and do not expose to natural or UV light, unless using material for its intended use. Since the material is very photosensitive any type of light may initiate the curing process.

Other Precautions and/or Special Hazards:

High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and the violent rupture of storage vessels or containers.

Section 8. Toxicological Information

Acute Oral Toxicity: No Data Available
Acute Dermal Toxicity: No Data Available



AMERICAN INTERNATIONAL INDUSTRIES

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

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: IBD Intense Seal **DATE:** 7/26/2004
FORMULA: 30-0018 **REV.** NEW

Acute Inhalation Toxicity: No Data Available
Irritation - Skin: No Data Available
Irritation - Eye: No Data Available
Sensitization: No Data Available
Mutagenicity: No Data Available
Sub-Chronic Toxicity: No Data Available

Section 9. Ecological Information

Ecotoxicological Information:

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:

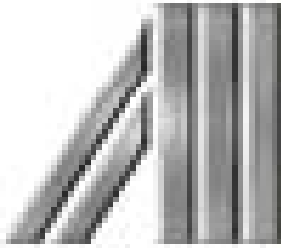
Biodegradability: No Data Available
Chemical Oxygen Demand: No Data Available

Section 10. Transport Information

DOT (49 CFR 172): Proper Shipping Name: Flammable Liquids, n.o.s., (ethyl methacrylate, acrylic esters), 3, UN1993, PGIII
Identification Number: UN 1993
Marine Pollutant: No
Special Provisions: N/A
Emergency Response: 128
Guidebook (ERG) #:

IATA (DRG): Proper Shipping Name: Flammable Liquids, n.o.s., (ethyl methacrylate, acrylic esters), 3, UN1993, PGIII
Class or Division: 3.2
UN or ID Number: UN 1993
Packaging Instructions:
Emergency Response
Guidebook (ICAO) #:

IMO (IMDG): Proper Shipping Name: Flammable Liquids, n.o.s., (ethyl methacrylate, acrylic esters), 3, UN1993, PGIII
Class or Division: 3
UN or ID Number: UN 1993
Special Provisions & Stowage/Segregation: None
Emergency Schedule (Ems)#:



AMERICAN INTERNATIONAL INDUSTRIES

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

MATERIAL SAFETY DATA SHEET

PRODUCT NAME:	IBD Intense Seal	DATE:	7/26/2004
FORMULA:	30-0018	REV.	NEW

Section 11. Regulatory Information

US Federal Regulations

Clean Air Act HAP/ODS: This product contains no hazardous air pollutants (HAP) or ODS's, as defined by the US Clean Air Act. They are as follows:

- NONE

This product does not contain any Class 1 or Class 2 ODS.

Clean Water Act: Priority Pollutant:

This product contains the following Hazardous Substances as defined by the CWA:

- NONE

This product does not contain any substances that are a Priority Pollutant or Toxic Pollutant under the CWA.

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 packaging additive.

Occupational Safety and Health Act:

This product is considered to be hazardous under the OSHA Hazard Communication Standard. It's hazards are:

- Immediate (acute) Health Hazard
- Delayed (chronic) Health Hazard
- Reactive Hazard

RCRA:

This product is considered to be hazardous waste under RCRA (40 CFR 261) RCRA Code:

- Ethyl Methacrylate, CAS #: 97-63-2, RCRA Code: U118

SARA Title III: Section 302 (TPQ)

This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances that carry a TPQ.

SARA Title III: Section 304 (RQ)

This product contains chemicals regulated under Sec. 304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List):

- Ethyl Methacrylate CAS #: 97-63-2, RQ(lbs.): 1000

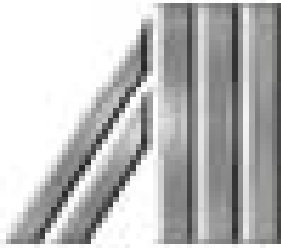
SARA Title III: Section 311-312:

This product is considered to be hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). Its hazards are:

- Immediate (acute) health hazard
- Delayed (chronic) health hazard
- Reactive hazard

SARA Title III: Section 313: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

- NONE



AMERICAN INTERNATIONAL INDUSTRIES

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

MATERIAL SAFETY DATA SHEET

PRODUCT NAME:	IBD Intense Seal	DATE:	7/26/2004
FORMULA:	30-0018	REV.	NEW

TSCA Section 8(b): Inventory:

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

State Regulations

- CA Right-to-Know Law: NONE
- CA No Significant Risk Rule: NONE
- MA Right-to-Know Law: Ethyl Methacrylate CAS #: 97-63-2
- NJ Right-to-Know Law: Ethyl Methacrylate CAS #: 97-63-2
- PA Right-to-Know Law: Ethyl Methacrylate CAS #: 97-63-2
- FL Right-to-Know Law: Ethyl Methacrylate CAS #: 97-63-2
- MN Right-to-Know Law: Ethyl Methacrylate CAS #: 97-63-2

International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List):

- Ethyl Methacrylate CAS #: 97-63-2 is on the DSL List. WHMIS = B2, D2B.
- Tetraethylene Glycol Dimethacrylate CAS #: 109-17-1 is not on the DSL List. WHMIS: N/A.
- 2,4-Dihydroxybenzophenone CAS #: 131-56-6 is on the DSL List. WHMIS: Not Determined
- D&C Violet #2 CAS #81-48-1, is not on the DSL List. WHMIS: Not Determined

EINECS: European Inventory:

- Hazard Symbols: **Xi: Irritant, F: Flammable**
- Risk Phrases: **R22: Harmful if swallowed, R36/37/38: Irritating to eyes, respiratory system, and skin, R43: May cause sensitization by skin**
- Safety Phrases: **S18: Handle and open container with care, S24/25: Avoid contact with skin and eyes, S36/37: Wear suitable protective clothing and gloves, S38: In case of insufficient ventilation, wear suitable respiratory equipment, S46: If swallowed seek medical advice immediately and show container or label.**

Section 13. Other Information

Hazard Rating System:

- NFPA: Health = 2/Flammability = 2/Reactivity = 1
- *HMIS: Health = 2/Flammability = 2/Reactivity = 1
- *Respiratory protection may be necessary depending on conditions of use. Refre to Section 6 of this MSDS for respiraoty guidelines.

OSHA PEL For Nuisance Dust:

- 15mg/m³ (total dust)
- 5mg/m³ (respirable dust)

ACGIH For Nuisance Dust: 10 mg/m³

**AMERICAN INTERNATIONAL INDUSTRIES**2220 GASPAR AVENUE
LOS ANGELES, CA 90040
CHEM-TEL: (800) 255-3924**MATERIAL SAFETY DATA SHEET****PRODUCT NAME:** IBD Swift Set - Brush It Activator**DATE:** 3/14/2006**FORMULA:** 30-1301**REV.** NEW**Section 1. Material Identification and Information****Hazardous Ingredients:**

Component	CAS #	%	TOXICOLOGICAL DATA
Acetone	67-64-1	50-70	ACGIH TVL: TWA: 500ppm / 1188mg/m ³
Ethyl Acetate	141-78-6	30-50	ACGIH TVL: TWA: 400ppm / 1440mg/m ³

Section 2. Physical / Chemical Characteristics

Boiling Point:	> 64.7°C / 148.5°F	Specific Gravity:	0.84 (Water = 1)
Vapor Pressure:	0.2kPa @ 20°C	Melting Point:	-101.59°C / 150.9°F
Vapor Density: (Air = 1)	> 1	Evaporation Rate:	Not Available
Solubility in Water:	Easily soluble in cold water	Water Reactive:	Not Available
Appearance:	Colorless Light Yellow Liquid	pH:	Not Available
Odor:	Ester	VOC:	Not Available

Section 3. Fire and Explosion Hazard Data**Flash Point and Method Used:** -20°C / -4°F Closed Cup**Auto-Ignition Temperature:** 455°C / 851°F**Flammability Limits in Air % by Volume:**
LEL: 3.6%
UEL: 16.0%**Products of Combustion:**Carbon Oxides (CO, CO₂), Nitrogen Oxides (NO, NO₂)**Fire Hazards in the Presence of Various Substances:**

Dangerous when exposed to heat, sparks, flame, or oxidants.

Explosion Hazards in the Presence of Various Substances:

Welding or cutting torch on or near drum can cause the product to ignite explosively.

Extinguisher Media: Use dry chemical or CO₂.**Special Fire Fighting Procedures:**

Be sure to use an approved/certified respirator or equivalent.

Special Remarks on Fire Hazards:

Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at location distant from material handling point.

**AMERICAN INTERNATIONAL INDUSTRIES**2220 GASPAR AVENUE
LOS ANGELES, CA 90040
CHEM-TEL: (800) 255-3924**MATERIAL SAFETY DATA SHEET****PRODUCT NAME:** IBD Swift Set - Brush It Activator**DATE:** 3/14/2006**FORMULA:** 30-1301**REV.** NEW**Special Remarks on Explosion Hazards:**

Acetone is extremely flammable and its vapors form explosive mixtures with air. Dangerous when exposed to heat, flame, or oxidants.

Section 4. Reactivity Hazard Data**Stability:** Stable Unstable**Conditions of Instability:**

No additional remark.

Incompatibility (Materials to Avoid):

Reactive with oxidizing agents, reducing agents, acids, alkalis.

Hazardous Decomposition:

Complete combustion results in the formation of carbon dioxide and water vapor. Incomplete combustion can yield carbon monoxide.

Hazardous Polymerization: May Occur Will Not Occur**Section 5. Health Hazard Data****Emergency Overview:****DANGER!**EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE.
CONTAINS MATERIAL WHICH CAUSES DAMAGE TO THE FOLLOWING ORGANS:
KIDNEYS, LUNGS, LIVER, RESPIRATORY TRACT, SKIN, CENTRAL NERVOUS SYSTEM.
MAY CAUSE EYE IRRITATION.

Product can affect you when breathed in any by passing through your skin. Vapors are irritating to mucous membrane and upper respirator tract. Irritating to eyes. Causes skin irritation and exposure to the skin can cause dermatitis. Exposure to high levels can cause you to feel dizzy and lightheaded. Very high levels could cause you to pass out. Repeated contact can cause drying and cracking of the skin.

Keep away from heat, sparks and flame. Avoid contact with eyes. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

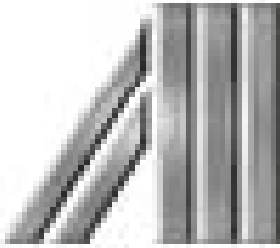
Primary Routes of Entry: Inhalation Skin Absorption Ingestion Eye Contact**Potential Acute Health Effects:**

Eye Contact: Irritating to eyes.

Skin Contact: Causes skin irritation. Overexposure causes sensitization.

Inhalation: Vapors are irritating to mucous membrane and upper respirator tract. Continuous high volume usage irritate eyes and nose. Vapors may cause drowsiness and dizziness.

Ingestion: Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.



AMERICAN INTERNATIONAL INDUSTRIES

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

MATERIAL SAFETY DATA SHEET

PRODUCT NAME:	IBD Swift Set - Brush It Activator	DATE:	3/14/2006
FORMULA:	30-1301	REV.	NEW

Potential Chronic Health Effects

Acetone: EPA-D, and TLV-A4: Inadequate human or animal evidence of carcinogenicity or no data are available.

Ethyl Acetate: Exposure to high levels can cause you to feel dizzy and lightheaded. Very high levels could cause you to pass out. Repeated contact can cause drying and cracking of the skin.

Signs and Symptoms of Overexposure:

Sign and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea); irritation to nose, throat, eyes, and airways; central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness).

Medical Conditions Generally Aggravated by Overexposure:

Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin, lung (for example, asthma-like conditions), blood-forming system. (Ethyl Acetate)

Emergency First Aid Procedures:

- Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.
- Skin Contact: After contact with skin, wash immediately with plenty of water. Wash contaminated skin with soap and water. Seek medical attention.
- Inhalation: If symptoms of prolonged exposure to concentrate material vapor appear, remove to fresh air. If breathing is difficult, loosen any restrictive clothing and provide oxygen and get medical care if
- Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as collar, tie, belt, or waistband. Get medical attention if symptoms appear.

Notes to Physician: Acetone: Preplacement examinations should evaluate skin and respiratory conditions. Acetone can be detected in blood, urine, and expired air.
Ethyl Acetate: Consider examining the point of attack: eyes, skin, and respiratory system. Preexisting disorders of organ of point of attack may be aggravated by exposure.

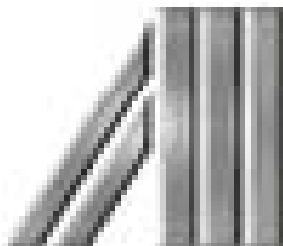
Section 6. Control and Protective Measures

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are near to the work-station location.

Personal Protection:

- Eyes: Splash Goggles.
- Body: Clothing coveralls recommended.
- Respiratory: Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.

**AMERICAN INTERNATIONAL INDUSTRIES**

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

MATERIAL SAFETY DATA SHEET

PRODUCT NAME:	IBD Swift Set - Brush It Activator	DATE:	3/14/2006
FORMULA:	30-1301	REV.	NEW

Hands: Chemical impervious gloves. Disposable gloves recommended.

Feet: Chemical resistant shoes.

Personal Protection in Case of a Large Spill:

Splash goggles, vapor respirator, boot, gloves, clothing coveralls recommended.

Hygienic Work Practices:

Good Manufacturing Practices.

Section 7. Precautions for Safe Handling and Use / Leak Procedures

Small Spill and Leak: Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

Large Spill and Leak: Flammable liquid.

Keep away from heat. Keep away from sources of ignition. Stop leak without risk. Absorb with DRY earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources.

Handling:

Keep away from heat, sparks, flame. Keep container closed. Use only with adequate ventilation. To avoid fire or explosion, dissipate static electricity drying transfer by grounding and bonding containers and equipment before transferring material. Use explosion-proof electrical (ventilating, lighting, and material handling) equipment.

Storage:

Product containing ethyl acetate must be stored to avoid contact with nitrates, strong oxidizers such as chlorine, bromine, chlorine dioxide, nitrates, and permanganates; strong alkalis such as sodium hydroxide, and potassium hydroxide; or strong acids, such as sulfuric acid, and nitric acid, since violet reactions occur.

Store in tightly closed containers in cool, well-ventilated area away from heat or flame. Sources of igniter such as smoking and open flames are prohibited. Metal container involving transfer of 5 gallons or more should be grounded and bonded. Drums must be equipped with self-closing valves, pressure vacuum bungs, and flame arresters. Use only non-sparking tools and equipment, especially when opening and closing container.

Section 8. Toxicological Information

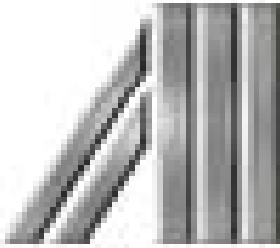
Toxicity to Animals: Acute oral toxicity (LD₅₀): 3000mg/kg (mouse)

Chronic Effects on Humans:

Acetone: EPA-D. and TLV-A4: Inadequate human or animal evidence of carcinogenicity or not data are available.

Other Toxic Effects on Humans:

Exposure to high levels can cause you to feel dizzy and lightheadedness. Very high levels could cause you to pass out. Repeated contact can cause drying and cracking of the skin. Irritating to eyes, respiratory system and skin. Causes irritation of eye, skin, mucous membrane and upper respiratory. May cause liver and kidney effects. Can cause skin sensitization.



AMERICAN INTERNATIONAL INDUSTRIES

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

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: IBD Swift Set - Brush It Activator **DATE:** 3/14/2006
FORMULA: 30-1301 **REV.** NEW

Special Remarks on Toxicity to Animals:
Not Available.

Special Remarks on Toxicity to Humans:
Not Available.

Special Remarks on Other Toxic Effects on Humans:
No additional remarks.

Section 9. Ecological Information

Ecotoxicity: Not Available.
BOD5 and COD: Not Available.
Biodegradable/OECD: Not Available.
Mobility: Not Available.
Products of Degradation:

Not Available.

Section 10. Disposal Considerations

Waste Information This product is a RCRA hazardous waste.
Waste Stream: U002, D001.
Consult your local or regional authorities.

Section 11. Transport Information

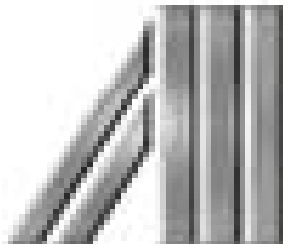
DOT Classification: CLASS 3: Flammable
FLAMMABLE LIQUIDS, N.O.S., UN1993, II

Marine Pollutant: Not Available.

ADR/RID Classification:
CLASS 3: Flammable liquid A.

IMO/IMDG Classification:
CLASS 3: Flammable liquid (Low flashpoint group of liquids having a flashpoint below -18°C (0°F)c.c.).

ICAO/IATA Classification:
CLASS 3: Flammable liquid.

**AMERICAN INTERNATIONAL INDUSTRIES**

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

MATERIAL SAFETY DATA SHEET

PRODUCT NAME:	IBD Swift Set - Brush It Activator	DATE:	3/14/2006
FORMULA:	30-1301	REV.	NEW

Section 11. Regulatory Information

HCS Classification: CLASS: Flammable liquid having a flash point lower than 37.8°C (100°F) and 93.3°C (200°F)
CLASS: Irritating substance.
CLASS: Sensitizing substance.
CLASS: Target organ effects.

U.S. Federal Regulations:

All ingredients of this product are in compliance with TSCA.
Clean Water Act (CWA) 307: No products were found.
Clean Water Act (CWA) 311: No products were found.
Clean air act (CAA) 112 accidental release prevention: No products were found.
Clean air act (CAA) 112 regulated toxic substances: Acetone; Ethyl Acetate.
SARA 302/304/311/312 extremely hazardous substances: No products were found.
SARA 302/304 emergency planning and notification: No products were found.
SARA 302/304/311/312 hazardous chemicals: No products were found.
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found.
SARA 313 toxic chemical notification and release reporting: Acetone 60%

DSCL (EEC): R-11-Highly Flammable.
R36-Irritating to eyes.

International Lists: Australia: Acetone
Japan (MITI): Acetone

State Regulations: California Prop 65: No products found.

Section 12. Other Information

Label Requirements: EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE.
CONTAINS MATERIAL WHICH CAUSES DAMAGE TO THE FOLLOWING ORGANS:
KIDNEYS, LUNGS, LIVER, RESPIRATORY TRACT, SKIN, CENTRAL NERVOUS SYSTEM.
MAY CAUSE EYE IRRITATION.

Product can affect you when breathed in any by passing through your skin. Vapors are irritating to mucous membrane and upper respirator tract. Irritating to eyes. Causes skin irritation and exposure to the skin can cause dermatitis. Exposure to high levels can cause you to feel dizzy and lightheaded. Very high levels could cause you to pass out. Repeated contact can cause drying and cracking of the skin.

Hazard Rating System:

NFPA: Health = 2/Flammability = 3/Reactivity = 0
HMIS: Health = 2/Flammability = 3/Reactivity = 0

AMERICAN INTERNATIONAL INDUSTRIES2220 GASPAR AVENUE
LOS ANGELES, CA 90040
CHEM-TEL: (800) 255-3924**MATERIAL SAFETY DATA SHEET****PRODUCT NAME:** IBD Grip Monomer Liquid**DATE:** 4/28/2004**FORMULA:** 30-1324**REV.** NEW**Section 1. Material Identification and Information****Hazardous Ingredients:**

Component	CAS #	%	TOXICOLOGICAL DATA
Ethyl Methacrylate	97-63-2	>70%	OSHA TWA/STEL: 100ppm ACGIH TWA/STEL: 100ppm

Section 2. Physical / Chemical Characteristics

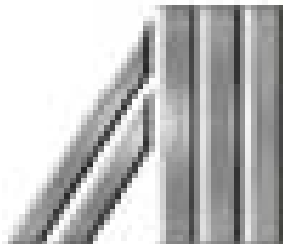
Boiling Point:	243°F	Specific Gravity:	0.918
Vapor Pressure: (mm Hg and Temperature)	77 mm Hg @ 20°C	(@ 25°C)	
Vapor Density: (Air = 1)	3.9	Viscosity:	< 1mPa s @ 20°C
Solubility in Water:	0.5g/100g @ 20°C	Evaporation Rate:	1.5 (Butyl Acetate = 1)
Appearance:	Blue-Violet Liquid	Water Reactive:	N/A
Odor:	Sharp Ester-Like	pH:	N/A
		% Volatile:	99%+

Section 3. Fire and Explosion Hazard Data

Flash Point:	68°C Tag Closed Cup
Auto-Ignition Temperature:	392°C
Flammability Limits in Air % by Volume:	LEL: 2% UEL: 2.5%
Extinguisher Media:	Foam, carbon dioxide, dry chemical, or carbon tetrachloride.
Fire Fighting Procedures:	Wear self-contained breathing apparatus and full protective gear. Water may be ineffective unless used as a fine spray or fog. Use water spray to cool the exposed containers of methacrylate monomer.
Unusual Fire and Explosion Hazards:	Vapors may travel to source of ignition and flash back. Avoid ignition sources or excessive temperatures. Heat can induce polymerization with rapid release of energy. Closed containers may rupture explosively. Spontaneous polymerization may occur with prolonged aging.

Section 4. Reactivity Hazard Data

Stability:	<input checked="" type="checkbox"/> Stable	<input type="checkbox"/> Unstable
Conditions to Avoid:	Temperatures above 60°F, oxidizing or reducing agents, peroxides and amines, storage in absence of inhibitor, and inadvertent addition of catalyst.	



AMERICAN INTERNATIONAL INDUSTRIES

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

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: IBD Grip Monomer Liquid **DATE:** 4/28/2004
FORMULA: 30-1324 **REV.** NEW

Incompatibility (Materials to Avoid):

Reducing and oxidizing agents and UV light.

Hazardous Decomposition:

Oxides of carbon when burned.

Hazardous Polymerization:

May Occur Will Not Occur

Section 5. Health Hazard Data

Emergency Overview:

- Flammable liquid and vapor!
- May cause skin irritation.
- May cause skin irritation.
- Avoid prolonged or repeated breathing of gases, vapors, or mists.
- Please read entire MSDS for additional information.

Primary Routes of Entry:

Inhalation Skin Absorption Ingestion Eye Contact

Carcinogen Listed In:

NTP IARC Monograph OSHA Not Listed

Health Hazards:

Eye Contact: Vapor concentrations may cause irritation of eyes.

Skin Contact: Liquid concentration may cause moderate skin irritation. Repeated or prolonged contact may cause allergic skin rashes, itching and swelling which becomes evident on re-exposure to this product.

Inhalation: High vapor concentrations may irritate the respiratory system. Prolonged exposure can lead to headaches, nausea, drowsiness and unconsciousness.

Ingestion: Causes irritation, a burning sensation of the mouth, throat and respiratory tract and abdominal pain.

Sub-Chronic Effects: Unlikely to present a cancer hazard in man.

NOTE: Refer to Section 8, Toxicological Information for Details

Emergency First Aid Procedures:

Eye Contact: Flush with water for 15 minutes, including under eyelids. Seek medical attention if discomfort persists.

Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. Seek medical attention if discomfort persists.

Inhalation: Remove to fresh air. If having breathing difficulty, give oxygen. If breathing has stopped, give artificial respiration. Seek medical attention if discomfort persists.

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.

**AMERICAN INTERNATIONAL INDUSTRIES**

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

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: IBD Grip Monomer Liquid

DATE: 4/28/2004

FORMULA: 30-1324

REV. NEW

Section 6. Control and Protective Measures

Engineering Controls:

Use process enclosures, local exhaust ventilation or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment.

General:

To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with OSHA PPE Standard (29 CFR 1910.132) be conducted before using this product. Provide eye wash stations and safety showers. Wear impervious clothing to prevent ANY contact with this product, such as gloves, apron, boots, or whole body suit. Nitrile rubber is better than PVC.

Respiratory Protections (Specific Type):

Use self-contained breathing apparatus when needed. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

Eye/Face Protection: Wear safety glasses. Wear coverall chemical splash goggles and face shield when possibility exists for eye and face contact due to splashing or spraying material.

Skin Protection: Use impermeable gloves to minimize skin contact.

Section 7. Precautions for Safe Handling and Use / Leak Procedures

Steps to be Taken if Material is Spilled or Released:

Evacuate area and eliminate all possible sources of ignition. Use self-contained breathing apparatus and protective clothing. Dike and absorb with inert materials (sand, soda, ash, vermiculite, etc.) and then transfer to proper containers for disposal, using non-sparking tools. Keep spills out of sewers and open bodies of water. Remove saturated clothing and wash affected areas with soap and water.

Waste Disposal Methods:

Dispose of in accordance with your local, state, and federal regulations.

Handling:

Keep away from heat, sparks, flames and other sources of ignition. Avoid contact with eyes, skin and clothing. Avoid breathing vapor mist. Use with adequate ventilation. Ground all metal containers when transferring and use explosion-proof equipment. Follow all MSDS/label precautions even after the container is emptied because it may retain product residues. Wash skin thoroughly after handling.

Storage:

Store in a cool, dry area. Keep container closed when not in use. Store at ambient temperatures out of direct sunlight. Store in a well ventilated place. Store in accordance with National Fire Protection Association recommendations. Maintain air space inside storage containers. Inhibitor requires air (oxygen) contact to function. Check inhibitor levels after 3 months and return to original level.

Explosion Hazard:

Avoid ignition sources or excessive temperatures. Heat can induce polymerization with rapid release of energy. Closed containers may rupture explosively. Spontaneous polymerization may occur with prolonged aging.

**AMERICAN INTERNATIONAL INDUSTRIES**2220 GASPAR AVENUE
LOS ANGELES, CA 90040
CHEM-TEL: (800) 255-3924**MATERIAL SAFETY DATA SHEET****PRODUCT NAME:** IBD Grip Monomer Liquid**DATE:** 4/28/2004**FORMULA:** 30-1324**REV.** NEW**Section 8. Toxicological Information**

Acute Oral Toxicity:	Oral (Rat) LD50: 1330mg/kg
Acute Dermal Toxicity:	Dermal (Rabbit) LD50: > 9100mg/kg
Acute Inhalation Toxicity:	Inhalation (Rabbit) LD 50: 3800ppm
Irritation – Skin:	No Data Available
Irritation - Eye:	No Data Available
Sensitization	No Data Available
Mutagenicity:	Test positive as a mutagen on laboratory animals.
Sub-Chronic Toxicity:	No Data Available

Section 9. Ecological Information**Ecotoxicological Information**

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

Section 10. Disposable Concentrations

After the addition of excess inhibitor, incinerate the liquid and diking in accordance with federal, state and local regulations. Do not incinerate in closed containers. Biodegradation is also possible. DO NOT HEAT OR CUT THE EMPTY CONTAINER WITH ELECTRIC OR GAS TORCH. Exert extra care in igniting as this material is highly flammable.

Section 11. Transport Information

DOT/ UN Shipping Name: UN 1993; Flammable liquid, n.o.s. Class 3, PG II
RQ(lbs): 1000

Section 12. Regulatory Information**US Federal Regulations**

Clean Air Act HAP/ODS:

This product contains the following HAP's or ODS: None

**AMERICAN INTERNATIONAL INDUSTRIES**

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

MATERIAL SAFETY DATA SHEET

PRODUCT NAME:	IBD Grip Monomer Liquid	DATE:	4/28/2004
FORMULA:	30-1324	REV.	NEW

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 packaging additive.

Occupational Safety and Health Act:

This product is considered to be hazardous under the OSHA Hazard Communication Standard. It's hazards are: Immediate (acute) health hazard, Fire hazard

RCRA:

This product contains the following chemicals considered to be hazardous waste under RCRA (40 CFR 261). Ethyl Methacrylate CAS #97-63-2 RCRA Code U118.

SARA Title III: Section 302

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

SARA Title III: Section 304:

This product contains chemicals regulated under Section 304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List): Ethyl Methacrylate CAS #97-63-2, RQ (Lbs) 1000.

SARA Title III: Section 311-312:

This product is considered to be hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). Is hazards are: Immediate (acute) health hazard, Fire hazard

SARA Title III: Section 313:

This product contains the following chemicals which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: None

TSCA Section 8(b):

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

State Regulations**CA Right-to-Know Law:**

None

MA Right-to-Know Law:

Ethyl Methacrylate CAS# 97-63-2

NJ Right-to-Know Law:

Ethyl Methacrylate CAS# 97-63-2

PA Right-to-Know Law:

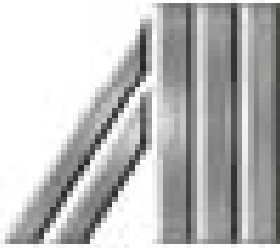
Ethyl Methacrylate CAS# 97-63-2

FL Right-to-Know Law:

Ethyl Methacrylate CAS# 97-63-2

MN Right-to-Know Law:

None



AMERICAN INTERNATIONAL INDUSTRIES

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

MATERIAL SAFETY DATA SHEET

PRODUCT NAME:	IBD Grip Monomer Liquid	DATE:	4/28/2004
FORMULA:	30-1324	REV.	NEW

International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List):

Ethyl Methacrylate: DSL regulatory status: Included, WHMIS: B2: flammable liquid D-2B: Toxic

EINECS: European Inventory:

•Ethyl Methacrylate (202-597-5): Hazard Symbol (C I F T), R Values (R11, R23/24/25, R36/37/38, R43, R52/53), S Values (S9, S16, S28A, S29, S33, S45, S61)

Section 13. Other Information

Hazard Rating System:

NFPA: Health = 2/Flammability = 3/Reactivity = 1

HMIS: Health = 2/Flammability = 3/Reactivity = 1

AMERICAN INTERNATIONAL INDUSTRIES2220 GASPAR AVENUE
LOS ANGELES, CA 90040
CHEM-TEL: (800) 255-3924**MATERIAL SAFETY DATA SHEET****PRODUCT NAME:** IBD Cleanser Plus **DATE:** 9/15/2004
FORMULA: 30-8280 **REV.:** NEW**Section 1. Material Identification and Information****Hazardous Ingredients:**

Component	CAS #	%	TOXICOLOGICAL DATA
Isopropyl Alcohol	67-63-0	~90%	ACGIH TLV/TWA: 400 ppm OSHA PEL/TWA: 400 ppm
Ethyl Acetate	141-78-6	~5%	ACGIH TLV/TWA: 400 ppm OSHA PEL/TWA: 400 ppm
Acetone	67-64-1	~5%	ACGIH TLV/TWA: 750 ppm OSHA PEL/TWA: 1000 ppm

Section 2. Physical / Chemical Characteristics

Boiling Point:	N/A	Specific Gravity:	0.79
Vapor Pressure:	Not Determined	(@ 25°C)	
(mm Hg and Temperature)		Melting Point:	N/A
Vapor Density:	Not Determined	Evaporation Rate:	N/A
(Air = 1)		Water Reactive:	N/A
Solubility in Water:	Miscible		
Appearance:	Clear Colorless Liquid		
Odor:	Characteristic		

Section 3. Fire and Explosion Hazard Data

Flash Point and Method Used:	20.6°C (ASTM)
Auto-Ignition Temperature:	N/A
Flammability Limits in Air % by Volume:	LEL: N/A UEL: N/A
Extinguisher Media:	All standard fire fighting media.
Special Fire Fighting Procedures:	In case of fire: keep drums, etc., cool by spraying with water.
Unusual Fire and Explosion Hazards:	Dangerous fire / negligible explosion hazard when exposed to heat or flame. Vapor-air mixtures is explosive above flash point.

**AMERICAN INTERNATIONAL INDUSTRIES**2220 GASPAR AVENUE
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CHEM-TEL: (800) 255-3924**MATERIAL SAFETY DATA SHEET****PRODUCT NAME:** IBD Cleanser Plus**DATE:** 9/15/2004**FORMULA:** 30-8280**REV.** NEW**Section 4. Reactivity Hazard Data****Stability:** Stable Unstable**Conditions to Avoid:** Keep away from heat, sparks and flame. Avoid any source of ignition.**Incompatibility (Materials to Avoid):**

Strong acids, oxidizing agents, strong alkalis, and aliphatic amines.

Hazardous Decomposition:

Aluminum: dissolution is exothermic. Thermal decomposition: products may include toxic oxides of carbon.

Hazardous Polymerization: May Occur Will Not Occur**Section 5. Health Hazard Data****Primary Routes of Entry:** Inhalation Skin Absorption Ingestion Eye Contact**Carcinogen Listed In:** NTP IARC Monograph OSHA Not Listed**Health Hazards:** Acute: Ingestion-decreased blood pressure and pulse rate, nausea, and hallucinations.

Chronic: Skin-slight irritation to dermatitis. Eyes-irritation to conjunctivitis.

Signs and Symptoms of Exposure:

Headache, dizziness, nausea, confusion, narcosis.

Emergency First Aid Procedures:

Eye Contact: Wash thoroughly with water while lifting upper and lower lids.

Skin Contact: Remove contaminated clothes, wash affected area with soap and large amounts of water.

Inhalation: Remove from exposure area. If breathing has stopped, perform artificial respiration.

Ingestion: Give activated charcoal. Give oxygen if respiration is depressed. Seek professional help immediately.

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

Air purifying respirator.

Protective Gloves: Rubber gloves**Eye Protection:** Safety goggles.**Ventilation to be Used:** Local Exhaust Special - Explosion Proof Other (Specify)**Other Protective Clothing and Equipment:**

None



AMERICAN INTERNATIONAL INDUSTRIES

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

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: IBD Cleanser Plus

DATE: 9/15/2004

FORMULA: 30-8280

REV. NEW

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:

For small spills, cover with sand and place into tight containers for later disposal. For large spills, dike far ahead of spill, cover with sand and place into tight containers for later disposal.

Waste Disposal Methods:

Dispose of in accordance with your local, state, and federal regulations.

Precautions to be taken in Handling and Storing:

Store away from heat or flame.

Other Precautions and/or Special Hazards:

No smoking, flames, or flares in hazard area.