

## MATERIAL SAFETY DATA SHEET



Date Issued: 09/19/2006  
 MSDS No: F-50 PART A  
 Date-Revised: 09/19/2006  
 Revision No: New MSDS

## F-50 PART A

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** F-50 PART A  
**GENERAL USE:** Polyurethane resin  
**CHEMICAL FAMILY:** Aromatic diisocyanate, urethane polymer ester mixture

**MANUFACTURER**

BJB Enterprises, Inc.  
 14791 Franklin Avenue  
 Tustin, CA 92780  
**Customer Service Number:** (714) 734-8450  
**Fax:** (714) 734-8929

**24 HR. EMERGENCY TELEPHONE NUMBERS**

**CHEMTREC (US Transportation):** (800) 424-9300  
 or (703) 527-3887

## 2. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW**

**PHYSICAL APPEARANCE:** Translucent pale yellow liquid with a slight odor.

**IMMEDIATE CONCERNS:** May cause eye and skin irritation. Use in well ventilated areas. Avoid breathing vapors. Avoid contact with strong oxidizers and strong acids, as sudden reaction may result in fire and toxic fumes. Reacts slowly with water to produce carbon dioxide which may rupture containers. This reaction accelerates at higher temperatures.

**POTENTIAL HEALTH EFFECTS**

**EYES:** May cause irritation, tearing, reddening, and swelling.

**SKIN:** May cause irritation and possible allergic sensitivity. Skin inflammation is characterized by itching, scaling, or reddening.

**INGESTION:** Slightly hazardous in case of ingestion.

**INHALATION:** May be harmful if inhaled. Inhalation at levels above the occupational exposure limit could cause respiratory sensitization and risk of serious damage to the respiratory system. The onset of the respiratory symptoms may be delayed for several hours after exposure. A hyper-reactive response to even minimal concentrations of diisocyanates may develop in sensitized persons.

**MEDICAL CONDITIONS AGGRAVATED:** May cause or aggravate dermatitis and asthma.

**ROUTES OF ENTRY:** Eye and skin contact, inhalation of vapors, or accidental ingestion.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt. %</u>	<u>CAS</u>
Modified MDI	30 - 50	Proprietary
Butyl benzyl phthalate	30	000085-68-7
4,4'-Diphenylmethane diisocyanate	20 - 25	000101-68-8

## 4. FIRST AID MEASURES

**EYES:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

**SKIN:** Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

**INGESTION:** If swallowed, call a physician immediately. Do NOT induce vomiting. Provided the patient is conscious, wash out mouth with water. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove patient from exposure, keep warm and at rest. Obtain immediate medical attention. Treatment is symptomatic for primary irritation or bronchospasm. If breathing is labored, oxygen should be administered by qualified personnel. Apply artificial respiration if breathing has ceased or shows signs of failing.

**NOTES TO PHYSICIAN:** Symptomatic and supportive therapy as needed. Following severe exposure medical follow-up should be monitored for at least 48 hours.

## 5. FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** 118°C (245°F) Pensky-Martens CC

**EXTINGUISHING MEDIA:** Water spray, carbon dioxide, dry chemical, or alcohol foam.

**EXPLOSION HAZARDS:** Avoid contact with strong oxidizers and strong acids, as sudden reaction may result in fire and toxic fumes. Reacts slowly with water to produce carbon dioxide which may rupture closed containers. This reaction accelerates at higher temperatures.

**FIRE FIGHTING PROCEDURES:** Cool fire exposed containers with water spray. Remove containers from the fire area if possible. Do not release runoff from fire control methods to sewers or waterways.

**FIRE FIGHTING EQUIPMENT:** Firefighters should wear positive pressure self-contained breathing apparatus (SCBA) and consider use of unmanned hose holders or monitor nozzles for fighting large fires.

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Evacuate the area. Clean-up should only be performed by trained personnel. People dealing with a major spill should wear full protective clothing including appropriate respiratory protection. Prevent product spill from entering sewers or waterways. Neutralize small spills with a decontaminant.

**LARGE SPILL:** Contain and absorb large spills onto an inert, non-flammable adsorbent carrier (such as earth or sand). Shovel into open-top drums or plastic bags for further decontamination, if necessary. Wash the spill area clean with a liquid decontaminant. Remove and properly dispose of residues. Notify applicable government authorities if release is reportable. (See CERCLA in Section 15).

**RELEASE NOTES:** US regulations require reporting spills of this material that could reach any surface waters. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Avoid breathing vapor over open containers. Avoid open container exposure to damp air. Avoid breathing aerosols, mists, and vapors.

**HANDLING:** Use appropriate personal protective equipment as specified in Section 8. Handle in a well ventilated area. Handle and use in a manner consistent with good industrial/manufacturing techniques and practices.

**STORAGE:** Store in a cool, dry place, away from excessive heat, in original or similar container. Avoid unnecessary contact. Protect from freezing. Containers should be tightly sealed to prevent contamination with foreign materials.

**SHELF LIFE:** 6 months from date of shipment under manufacturers recommended storage conditions.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**EXPOSURE GUIDELINES:**

## OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)

<u>Chemical Name</u>	<u>EXPOSURE LIMITS</u>						
	<u>OSHA PEL</u>		<u>ACGIH TLV</u>		<u>SupplierOEL</u>		
	<u>ppm</u>	<u>mg/m<sup>3</sup></u>	<u>ppm</u>	<u>mg/m<sup>3</sup></u>	<u>ppm</u>	<u>mg/m<sup>3</sup></u>	
Modified MDI	TWA -	NE	NE	NE	NE	NE	NE
	STEL -	NE	NE	NE	NE	NE	NE
Butyl benzyl phthalate	TWA -	NE	NE	NE	NE	NE	NE
	STEL -	NE	NE	NE	NE	NE	NE
4,4'-Diphenylmethane diisocyanate	TWA -	0.02	0.2	0.005	0.05	0.005 <sup>[1]</sup>	0.05 <sup>[1]</sup>
	STEL -	NE	NE	NE	NE	NE	NE

## OSHA TABLE COMMENTS:

1. NIOSH REL

## PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety goggles or glasses are recommended. Plastic face shields should be used for complete face protection to protect against possible splashing or spraying of material. ANSI Z87.1 or approved equivalent.

**SKIN:** Impermeable gloves. Employees should wash their hands and face before eating, drinking, or using tobacco products.

**RESPIRATORY:** Exhaust ventilation recommended. An organic vapor cartridge or fresh air supplied respirator (NIOSH approved) may be necessary for certain applications. Consider the type of application, environmental concentrations, and other materials being used concurrently when determining respirator use and selection. Observe OSHA regulations for respirator use (29 CFR 1910.134).

**PROTECTIVE CLOTHING:** Protective clothing should be selected and used in accordance with 'Guidelines for the Selection of Chemical Protective Clothing' published by ACGIH.

**OTHER USE PRECAUTIONS:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Training is important. Follow all label precautions.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Slight

**APPEARANCE:** Translucent

**COLOR:** Pale yellow

**pH:** Not Applicable

**PERCENT VOLATILE:** None

**VAPOR PRESSURE:** < 1 mmHg at 100°C (212°F)

**VAPOR DENSITY:** Not Established

**BOILING POINT:** > 250°C (482°F) @ 10 mmHg

**SOLUBILITY IN WATER:** Reacts slowly with water

**SPECIFIC GRAVITY:** 1.130 (water=1) at 25°C (77°F)

**VISCOSITY #1:** 450 Centipoise at 25°C (77°F)

**VOC (Volatile Organic Compound):** None

## 10. STABILITY AND REACTIVITY

**STABILITY:** This product is stable under normal ambient conditions of temperature and pressure.

**POLYMERIZATION:** Product may foam when exposed to heat and moisture.

**CONDITIONS TO AVOID:** High temperatures, moisture, and freezing conditions.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide, nitrous oxide, and HCN.

**INCOMPATIBLE MATERIALS:** Moisture, strong acids, amines, and metal carboxylates.

## 11. TOXICOLOGICAL INFORMATION

### TOXICITY TO ANIMALS

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (rat)
Modified MDI	Not Established	Not Established	Not Established
Butyl benzyl phthalate	20400 mg/kg	> 10000 mg/kg	> 6.7 mg/l
4,4'-Diphenylmethane diisocyanate	> 5000 mg/kg	> 5000 mg/kg	Not Established

## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** Butyl benzyl phthalate meets the definition of a marine pollutant.

### AQUATIC TOXICITY

**96-HOUR LC<sub>50</sub>:** > 1000 mg/l Zebra Fish

**48-HOUR EC<sub>50</sub>:** > 1000 mg/l Daphnia magna (24 hour)

**96-HOUR EC<sub>50</sub>:** > 100 mg/l E.Coli

**Notes:** This information is based only on MDI and its derivatives.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** The generation of waste should be avoided or minimized wherever possible. Disposal should be in accordance with local, state, provincial or national regulations.

**EMPTY CONTAINER:** Containers must be emptied (as defined by RCRA, 40 CFR Section 261.7 or state regulations that may be more stringent) and either passed to an approved recycler or destroyed.

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION) LAND

**PROPER SHIPPING NAME:** Environmentally hazardous substances, liquid, n.o.s. (See Note)

**TECHNICAL NAME:** (butyl benzyl phthalate)

**PRIMARY HAZARD CLASS/DIVISION:** 9

**UN/NA NUMBER:** UN 3082

**PACKING GROUP:** III

**REPORTABLE QUANTITY (RQ) UNDER CERCLA:** 100 lb of butyl benzyl phthalate

**LABEL:** Class 9 (miscellaneous hazardous materials)

**NOTE:** Applies ONLY to containers with a RQ of butyl benzyl phthalate (100 lb).

### AIR (ICAO/IATA)

**SHIPPING NAME:** Environmentally hazardous substances, liquid, n.o.s. (See Note)

**TECHNICAL NAME:** (butyl benzyl phthalate)

**UN/NA NUMBER:** UN 3082

**PRIMARY HAZARD CLASS/DIVISION:** 9

**PACKING GROUP:** III

**LABEL:** Class 9 (miscellaneous hazardous materials)

**NOTE:** Applies ONLY to containers with a RQ of butyl benzyl phthalate (100 lb).

### VESSEL (IMO/IMDG)

**SHIPPING NAME:** Environmentally hazardous substance, liquid, n.o.s.

**TECHNICAL NAME:** (butyl benzyl phthalate)

**UN/NA NUMBER:** UN 3082

**PRIMARY HAZARD CLASS/DIVISION:** 9  
**PACKING GROUP:** III  
**LIMITED QUANTITY:** 5 liters  
**MARINE POLLUTANT #1:** Yes (butyl benzyl phthalate)  
**LABEL:** Class 9 (miscellaneous hazardous materials)

### 15. REGULATORY INFORMATION

#### UNITED STATES

##### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**311/312 HAZARD CATEGORIES:** Acute health hazard. Chronic health hazard

**313 REPORTABLE INGREDIENTS:** 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:

##### EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt. %	CAS	Comments
4,4'-Diphenylmethane diisocyanate	20 - 25	000101-68-8	Diisocyanate Compounds (Category Code N120)

##### CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

**CERCLA REGULATORY:** For this/these chemicals, release of more than the Reportable Quantity to the environment in a 24-hour period requires notification to the National Response Center (800-424-8802 or 202-426-2675).

Chemical Name	Wt. %	CERCLA RQ
Butyl benzyl phthalate	30	100 lb
4,4'-Diphenylmethane diisocyanate	20 - 25	5000 lb

##### TSCA (TOXIC SUBSTANCE CONTROL ACT)

**TSCA STATUS:** This product or its components are listed in or exempt from the TSCA inventory requirements.

##### OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

**29 CFR1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS:** None of the chemicals in this product are considered highly hazardous by OSHA.

##### REGULATIONS

**STATE REGULATIONS** California Proposition 65: This product contains chemical(s) which are known to the State of California to cause cancer, birth defects or other reproductive harm, and may be subject to the requirements of California Proposition 65 (CA Health & Safety Code Section 25249.5):

##### CALIFORNIA PROPOSITION 65

Chemical Name	Wt. %	Listed
Butyl benzyl phthalate	30	• Developmental Toxicity

**OSHA HAZARD COMM. RULE:** The contents of the MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### 16. OTHER INFORMATION

**REASON FOR ISSUE:** Revised format

**APPROVED BY:** Michael Rose    **TITLE:** R & D Manager

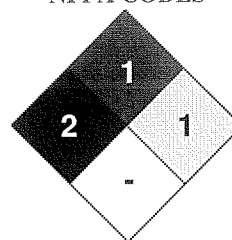
**PREPARED BY:** Gus Alidad

**REVISION SUMMARY:** New MSDS

HMIS RATING

<b>HEALTH:</b>	*	<b>2</b>
<b>FLAMMABILITY:</b>		<b>1</b>
<b>PHYSICAL HAZARD:</b>		<b>1</b>
<b>PERSONAL PROTECTION:</b>	<b>X</b>	

NFPA CODES



**HMIS RATINGS NOTES:** Personal Protection: See Section 8

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## MATERIAL SAFETY DATA SHEET



Date Issued: 09/19/2006  
 MSDS No: F-50 PART B  
 Date-Revised: 09/19/2006  
 Revision No: New MSDS

## F-50 PART B

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** F-50 PART B  
**GENERAL USE:** Polyurethane curing agent  
**CHEMICAL FAMILY:** Aromatic diamine polyether polyol mixture

**MANUFACTURER**

BJB Enterprises, Inc.  
 14791 Franklin Avenue  
 Tustin, CA 92780  
**Customer Service Number:** (714) 734-8450  
**Fax:** (714) 734-8929

**24 HR. EMERGENCY TELEPHONE NUMBERS**

**CHEMTREC (US Transportation):** (800) 424-9300  
 or (703) 527-3887

## 2. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW**

**PHYSICAL APPEARANCE:** Clear pale yellow liquid with a slight sulfur odor.

**IMMEDIATE CONCERNS:** Avoid eye and skin contact. Avoid breathing vapors. May cause eye and skin irritation. Use in well ventilated areas.

**POTENTIAL HEALTH EFFECTS**

**EYES:** May cause irritation.

**SKIN:** May cause irritation and possible allergic sensitivity with repeated contact.

**INGESTION:** Slightly hazardous in case of ingestion.

**INHALATION:** May result in respiratory irritation.

**MEDICAL CONDITIONS AGGRAVATED:** No data is available.

**ROUTES OF ENTRY:** Eye and skin contact, inhalation of vapors, or accidental ingestion.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt. %</u>	<u>CAS</u>
Polyether polyol	80 - 100	Proprietary
Di-(methylthio)toluenediamine	5 - 10	106264-79-3

## 4. FIRST AID MEASURES

**EYES:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

**SKIN:** Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

**INGESTION:** If swallowed, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**NOTES TO PHYSICIAN:** Symptomatic and supportive therapy as needed. Following severe exposure medical follow-up should be monitored for at least 48 hours.

**5. FIRE FIGHTING MEASURES**

**FLASHPOINT AND METHOD:** 191°C (375°F) Pensky-Martens CC

**EXTINGUISHING MEDIA:** Water spray, carbon dioxide, dry chemical, or foam.

**EXPLOSION HAZARDS:** None

**FIRE FIGHTING PROCEDURES:** Cool fire exposed containers with water spray. Remove containers from the fire area if possible. Do not release runoff from fire control methods to sewers or waterways.

**FIRE FIGHTING EQUIPMENT:** Firefighters should wear positive pressure self-contained breathing apparatus (SCBA) and consider use of unmanned hose holders or monitor nozzles for fighting large fires.

**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** Evacuate the area. Clean-up should only be performed by trained personnel. People dealing with a major spill should wear full protective clothing including appropriate respiratory protection. Prevent product spill from entering sewers or waterways. Neutralize small spills with a decontaminant.

**LARGE SPILL:** Contain and absorb large spills onto an inert, non-flammable adsorbent carrier (such as earth or sand). Shovel into open-top drums or plastic bags for further decontamination, if necessary. Wash the spill area clean with a liquid decontaminant. Remove and properly dispose of residues. Notify applicable government authorities if release is reportable. (See CERCLA in Section 15).

**RELEASE NOTES:** US regulations require reporting spills of this material that could reach any surface waters. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

**7. HANDLING AND STORAGE**

**GENERAL PROCEDURES:** Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Avoid breathing vapor over open containers. Avoid open container exposure to damp air. Avoid breathing aerosols, mists, and vapors.

**HANDLING:** Use appropriate personal protective equipment as specified in Section 8. Handle in a well ventilated area. Handle and use in a manner consistent with good industrial/manufacturing techniques and practices.

**STORAGE:** Store in a cool, dry place, away from excessive heat, in original or similar container. Avoid unnecessary contact. Protect from freezing. Containers should be tightly sealed to prevent contamination with foreign materials.

**SHELF LIFE:** 6 months from date of shipment under manufacturers recommended storage conditions.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**EXPOSURE GUIDELINES:**

**OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)**

Chemical Name	EXPOSURE LIMITS						
	OSHA PEL		ACGIH TLV		SupplierOEL		
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	
Polyether polyol	TWA -	NE	NE	NE	NE	NE	NE
	STEL -	NE	NE	NE	NE	NE	NE
Di-(methylthio)toluenediamine	TWA -	NE	NE	NE	NE	NE	NE
	STEL -	NE	NE	NE	NE	NE	NE

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Safety goggles or glasses are recommended. Plastic face shields should be used for complete face protection to protect against possible splashing or spraying of material. ANSI Z87.1 or approved equivalent.

**SKIN:** Impermeable gloves. Employees should wash their hands and face before eating, drinking, or using tobacco products.

**RESPIRATORY:** Exhaust ventilation recommended. An organic vapor cartridge or fresh air supplied respirator (NIOSH approved) may be necessary for certain applications. Consider the type of application, environmental concentrations, and other materials being used concurrently when determining respirator use and selection. Observe OSHA regulations for respirator use (29 CFR 1910.134).

**PROTECTIVE CLOTHING:** Protective clothing should be selected and used in accordance with 'Guidelines for the Selection of Chemical Protective Clothing' published by ACGIH.

**OTHER USE PRECAUTIONS:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Training is important. Follow all label precautions.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Slight sulfur

**APPEARANCE:** Clear

**COLOR:** Pale yellow

**pH:** Not Established

**PERCENT VOLATILE:** 0.02

**VAPOR PRESSURE:** < 0.01 mmHg at 20°C (68°F)

**VAPOR DENSITY:** Not Established

**BOILING POINT:** Not Established

**SOLUBILITY IN WATER:** Slightly soluble

**SPECIFIC GRAVITY:** 1.030 (water=1) at 25°C (77°F)

**VISCOSITY #1:** 800 Centipoise at 25°C (77°F)

**VOC (Volatile Organic Compound):** < 0.210 g/l

## 10. STABILITY AND REACTIVITY

**STABILITY:** This product is stable under normal ambient conditions of temperature and pressure.

**POLYMERIZATION:** Product will not undergo polymerization.

**CONDITIONS TO AVOID:** High temperatures, moisture, and freezing conditions.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Not Established

**INCOMPATIBLE MATERIALS:** Isocyanates, oxidizing agents, and strong mineral acids.

## 11. TOXICOLOGICAL INFORMATION

### TOXICITY TO ANIMALS

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (rat)
Polyether polyol	Not Established	Not Established	Not Established
Di-(methylthio)toluenediamine	1515 mg/kg	> 2000 mg/kg	Not Established

## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** No specific ecological data are available for this product. Refer to Section 6 for information regarding accidental release and Section 15 for regulatory reporting information.

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** The generation of waste should be avoided or minimized wherever possible. Disposal should be in accordance with local, state, provincial or national regulations.

**EMPTY CONTAINER:** Containers must be emptied (as defined by RCRA, 40 CFR Section 261.7 or state regulations that may be more stringent) and either passed to an approved recycler or destroyed.

**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION) LAND**

**NOTE:** Not Regulated

**AIR (ICAO/IATA)**

**NOTE:** Not Regulated

**VESSEL (IMO/IMDG)**

**NOTE:** Not Regulated

**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HAZARD CATEGORIES:** None

**313 REPORTABLE INGREDIENTS:** 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

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA STATUS:** This product or its components are listed in or exempt from the TSCA inventory requirements.

**OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)**

**29 CFR 1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS:** None of the chemicals in this product are considered highly hazardous by OSHA.

**CALIFORNIA PROPOSITION 65:** This product contains chemical(s) which are known to the State of California to cause cancer, birth defects or other reproductive harm, and may be subject to the requirements of California Proposition 65 (CA Health & Safety Code Section 25249.5):  
None

**OSHA HAZARD COMM. RULE:** The contents of the MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**16. OTHER INFORMATION**

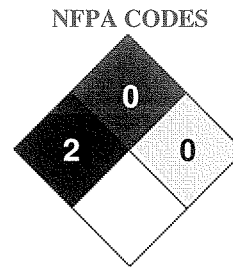
**REASON FOR ISSUE:** Revised format

**APPROVED BY:** Michael Rose    **TITLE:** R & D Manager

**PREPARED BY:** Gus Alidad

**REVISION SUMMARY:** New MSDS

HMIS RATING	
HEALTH:	2
FLAMMABILITY:	0
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	X



**HMIS RATINGS NOTES:** Personal Protection: See Section 8

**MANUFACTURER DISCLAIMER:** This information is furnished without warranty, expressed or implied, except that is accurate to the best knowledge of BJB Enterprises, Inc. The data on this sheet relates only to the specific material designated herein. BJB Enterprises, Inc. assumes no legal responsibility for use or reliance upon this data.