

MATERIAL SAFETY DATA SHEET

Date Issued: 12/09/2010
 MSDS No: 1315-11-99a
 Date-Revised: 12/09/2010
 Revision No: 1

TB1342

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: TB1342

PRODUCT DESCRIPTION: Anaerobic adhesive and sealant.

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (Domestic North America) :(800) 424 - 9300

CHEMTREC (International) :(703) 527 - 3887

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health	Environmental	Physical
Skin corrosion/irritation, Category 3 Serious Eye Damage, Category 2B Eye Irritation, Category 2B Carcinogenicity, Category 2B Reproductive Toxicity, Category 1A Target Organ Toxicity (Repeated exposure), Category 2	Acute Hazards to the Aquatic Environment, Category 4	Flammable Liquids, Not Classified

GHS LABEL

 Health hazard	
DANGER	
H316: Causes mild skin irritation. H320: Causes eye irritation. H351: Suspected of causing cancer . H360: May damage fertility or the unborn child . H372: Causes damage to organs through prolonged or repeated exposure . H413: May cause long lasting harmful effects to aquatic life.	
Precautionary statement(s) Prevention: P270: Do no eat, drink or smoke when using this product. P233: Keep container tightly closed. P102: Keep out of reach of children.	

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: Causes irritation to the eyes, skin, and respiratory tract. May cause sensitization. Harmful if ingested. Hazardous polymerization may occur.

POTENTIAL HEALTH EFFECTS

EYES: Causes eye irritation.

SKIN: Causes skin irritation. May cause skin sensitization.

INGESTION: May be harmful if swallowed. Ingestion is an unlikely route of entry in industrial uses.

INHALATION: Material is irritating to the mucous membranes and upper respiratory tract.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE TOXICITY: Dizziness. Headache. Nausea.

CHRONIC EFFECTS: No data as product

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS	EINECS
Ethoxylated Bisphenol A Dimethacrylate	55 - 65	41637-38-1	
Dibutyl phthalate	30 - 40	84-74-2	--
Ethylene Dimethacrylate	1 - 10	97-90-5	202-617-2

4. FIRST AID MEASURES

EYES: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

SKIN: Immediately remove product from skin with dry cloth or towel. Wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

INGESTION: Do not induce vomiting unless directed to do so by medical personnel. Never give an unconscious person anything to ingest. Get medical attention immediately.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. If signs or symptoms persist, seek medical attention.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: > 93°C (200°F)

FLAMMABLE CLASS: May burn when exposed to fire conditions.

EXTINGUISHING MEDIA: Use dry chemical powder, carbon dioxide, water fog, or foam.

EXPLOSION HAZARDS: High temperatures, inhibitor depletion, accidental impurities, or exposure to radiation or oxidizers may cause spontaneous polymerization reaction, generating heat and/or pressure. Closed containers may rupture or explode during runaway polymerization.

Use water spray to cool fire exposed containers.

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides. Nitrogen oxides. Sulfur oxides. May emit other toxic fumes under fire conditions.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb with an inert material and place in an appropriate waste disposal container.

LARGE SPILL: Extinguish all sources of ignition. Stop spill or leak at source. Dike if necessary. Absorb with an inert material and place in an appropriate waste disposal container.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Do not allow product flow into rivers and not to effect the environment

GENERAL PROCEDURES: Extinguish all sources of ignition.

RELEASE NOTES: Keep spilled material from entering storm drains, sewers, or other environmental mediums.

SPECIAL PROTECTIVE EQUIPMENT: Wear appropriate personal protective equipment.

COMMENTS: Disposal of clean-up materials may be governmentally regulated. Observe all applicable local, state, and federal waste management regulations.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid contact with eyes, skin, and clothing. Use with adequate ventilation.

HANDLING: Avoid contact with eyes and skin. Wear appropriate personal protection. Wash thoroughly after handling.

STORAGE: Keep container closed when not in use. Store in a cool, dry, well-ventilated area. Store and use away from heat, sparks, open flames, or other ignition sources. Do not lay container on its side.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
Dibutyl phthalate	TWA		5		5

ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses. Wear splash goggles if the potential for splashing or spraying exist.

SKIN: Gloves (impervious).

RESPIRATORY: In case of insufficient ventilation, wear suitable respiratory equipment.

PROTECTIVE CLOTHING: Chemically impervious clothing should be worn if potential for skin contact.

WORK HYGIENIC PRACTICES: Wash hands before eating, smoking, or using restroom. Food or beverages should not be consumed anywhere this product is handled or stored. Wash thoroughly after handling.

OTHER USE PRECAUTIONS: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

COLOR: Blue.

FLASHPOINT AND METHOD: > 93°C (200°F)

SPECIFIC GRAVITY: 1.060

VISCOSITY #1: 140 mPa. s

10. STABILITY AND REACTIVITY

STABILITY: This product is stable under normal conditions.

POLYMERIZATION: Hazardous polymerization may occur with the following conditions: Accidental impurities. Exposure to radiation or oxidizers. Lack of inhibitor. May occur at high temperatures or when exposed to direct sunlight or heat.

CONDITIONS TO AVOID: Product will be unstable at high temperatures, fire conditions, or depletion of inhibitor. Avoid direct sunlight, oxidizing conditions, inert gas blanketing, and freezing conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides. Nitrogen oxides. Sulfur oxides. May emit other toxic fumes under fire conditions.

INCOMPATIBLE MATERIALS: Acids. Bases. Chlorine. Free radical initiators. Inert gases. Nitrates. Oxidizing agents. Oxygen scavengers. Reducing agents.

11. TOXICOLOGICAL INFORMATION

ACUTE

NOTES: No data as product

CHRONIC: Dibutyl phthalate- Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.

IRRITATION: Causes irritation to the eyes, skin, and respiratory tract.

SENSITIZATION: May cause sensitization.

REPRODUCTIVE EFFECTS: Dibutyl phthalate- Possible risk of congenital malformation in the fetus.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: . One or more substances May have acute and hazardous effects to the aquztic environment

ECOTOXICOLOGICAL INFORMATION: No data as a product

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Waste must be disposed of in accordance with federal, state, and local environmental control regulations. Consult your licensed waste contractor for detailed recommendations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Environmentally Hazardous Substances, Liquids, N.O.S.

TECHNICAL NAME: Contains Dibutyl Phthalate

PRIMARY HAZARD CLASS/DIVISION: 9

UN/NA NUMBER: UN3082

PACKING GROUP: III

OTHER SHIPPING INFORMATION: Consumer commodities may be shipped ORM-D.

SPECIAL SHIPPING NOTES: Contains Dibutyl Phthalate, which has an RQ of 10 lbs. (4.54 kg). If the total package has a weight of less than 28 lbs. (12.7 kg), shipment does not require hazardous shipping declaration.

AIR (ICAO/IATA)

SHIPPING NAME: Environmentally Hazardous Substances, Liquids, N.O.S.

TECHNICAL NAME: Contains Dibutyl Phthalate

UN/NA NUMBER: UN3082

PRIMARY HAZARD CLASS/DIVISION: 9

PACKING GROUP: III

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

REACTIVITY: Yes **ACUTE:** Yes **CHRONIC:** Yes

313 REPORTABLE INGREDIENTS: Some chemicals maybe found to be reportable ingredients

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS
Dibutyl phthalate	30 - 40	84-74-2

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Dibutyl Phthalate

Chemical Name	Wt.%	CERCLA RQ
Dibutyl phthalate	30 - 40	10 lbs.

CERCLA RQ: 10

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: There are no ingredients in this product that are listed on the TSCA 12B list.

STATES WITH SPECIAL REQUIREMENTS

Chemical Name	Requirements
Dibutyl phthalate	This product contains a component or components listed on the Massachusetts Right to Know list of hazardous substances. This product contains a component or components listed on the Michigan Critical Materials list. This product contains a component or components listed on the New Jersey Right to Know list of hazardous chemicals. This product contains a component or components listed on the Pennsylvania Right to Know list of hazardous substances.

REGULATIONS

STATE REGULATIONS: Warning: In accordance with Prop 65, this product may contains a chemical(s) known to the State of California to cause cancer, birth defects and other reproductive harm.

CALIFORNIA PROPOSITION 65

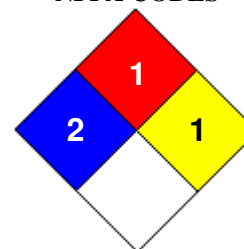
Chemical Name	Wt. %	Listed
Dibutyl phthalate	30 - 40	● Developmental Toxicity ● Female Reproductive ● Male Reproductive

16. OTHER INFORMATION

REVISION SUMMARY: Revision #: 1. This MSDS replaces the December 09, 2010 MSDS. , Stability

HMIS RATING

HEALTH:	*	2
FLAMMABILITY:		1
PHYSICAL HAZARD:		1
PERSONAL PROTECTION:		

NFPA CODES

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