

MATERIAL SAFETY DATA SHEET

ThreeBond

Date Issued: 12/16/2010

MSDS No: 0016-12-10

TB1184

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: TB1184**PRODUCT DESCRIPTION:** Liquid Gasket**DISTRIBUTOR**

ThreeBond International, Inc.
6184 Schumacher Park Drive
West Chester, OH 45069
Product Stewardship: (513) 779-7300





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
Acute Toxicity (Oral), Category 5 Acute Toxicity (Dermal), Category 4 Skin corrosion/irritation, Category 2 Eye Irritation, Category 2A Skin Sensitization, Category 1 Carcinogenicity, Category 2 Reproductive Toxicity, Category 1B Target Organ Toxicity (Single exposure), Category 1 Target Organ Toxicity (Repeated exposure), Category 1	Acute Hazards to the Aquatic Environment, Category 2 Chronic Hazards to the Aquatic Environment, Category 2	Flammable Liquids, Category 3

GHS LABEL

 Flame	 Environment
DANGER	DANGER
H226: Flammable liquid and vapour.	H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.
 Exclamation mark	 Health hazard
WARNING	DANGER
H303: May be harmful if swallowed. H312: Harmful in contact with skin. H332: Harmful if inhaled. H315: Causes skin irritation. H316: Causes mild skin irritation. H317: May cause an allergic skin reaction.	H351: Suspected of causing cancer . H360: May damage fertility or the unborn child . H372: Causes damage to organs through prolonged or repeated exposure . H371: May cause damage to organs . H370: Causes damage to organs .
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: Flammable liquid. Causes skin and eye irritation. Risk of serious damage to eyes. Harmful if ingested. Harmful if inhaled or absorbed through skin. May cause respiratory tract irritation.

POTENTIAL HEALTH EFFECTS

EYES: Causes eye irritation. May cause eye irritation and Possible risk of serious damage to eyes.

SKIN: Causes skin irritation.

SKIN ABSORPTION: May be harmful if absorbed through the skin.

INGESTION: Harmful if swallowed. Ingestion is an unlikely route of entry in industrial uses.

INHALATION: Harmful if inhaled. Material may be irritating to the mucous membranes and upper respiratory tract.

MEDICAL CONDITIONS AGGRAVATED: Persons with preexisting conditions of the liver, kidney, central nervous system, or cardiovascular system may have increased susceptibility to this material.

TARGET ORGAN STATEMENT: Central nervous system. Liver. Kidney. Blood.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Chlorosulfonated polyethylene	45 - 55	
Xylenes (o-,m-,p- Isomers)	35 - 45	1330-20-7
2- Butoxyethanol	< 5	111-76-2

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

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, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

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: 30°C (86°F) Setaflash

AUTOIGNITION TEMPERATURE: > 200°C

FLAMMABLE CLASS: Flammable.

GENERAL HAZARD: Flammable liquid and vapor.

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

HAZARDOUS COMBUSTION PRODUCTS: Hydrogen chloride. Carbon oxides. Aldehydes. Alcohols. Sulfur oxides. Organic acids.

EXPLOSION HAZARDS: Vapors can travel to a source of ignition and flash back. Container explosion may occur under fire conditions.

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

FIRE FIGHTING EQUIPMENT: Wear self contained breathing apparatus and protective clothing

HAZARDOUS DECOMPOSITION PRODUCTS: 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. Use non-sparking tools.

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, skin, and clothing. Avoid prolonged or repeated exposure. Wear appropriate personal protection. Use with adequate ventilation. Empty containers may retain product residue and flammable vapors. Keep away from heat, sparks, and flame. Do not cut, puncture, or weld on or near the empty container.

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.

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
Xylenes (o-,m-,p- Isomers)	TWA	100 ppm	435	100 ppm	434
	STEL			150	651
2- Butoxyethanol	TWA	50	240	20	97

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: Gray.

FLASHPOINT AND METHOD: 30°C (86°F) Setflash

SOLUBILITY IN WATER: Insoluble

SPECIFIC GRAVITY: 1.250

VISCOSITY #1: 9.5 Pa.s

10. STABILITY AND REACTIVITY

STABILITY: This product is stable under normal conditions.

POLYMERIZATION: Hazardous polymerization will not occur under normal conditions.

CONDITIONS TO AVOID: Avoid ignition sources, excess heat, and direct sunlight.

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen chloride. Carbon oxides. Sulfur oxides. Organic acids. Aldehydes. Alcohols.

INCOMPATIBLE MATERIALS: Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
2- Butoxyethanol	470 Rat /mg/kg	2000 rabbit/ mg/kg	450 ppm

NOTES: No data as product

CHRONIC: No data as product

CARCINOGENICITY

Chemical Name	IARC Status	Other	General Toxicity
2- Butoxyethanol	3	ACGIH: A3 EPA: C	Some evidence of carcinogenic activity was found in mice.

IARC: one or more substances in this material is suspect to be carcinogenic to humans

REPRODUCTIVE EFFECTS: 2-Butoxyethanol- Based on tests with laboratory animals, overexposure to this substance may cause reproductive disorders.

TARGET ORGANS: Central nervous system. Liver. Kidney. Blood.

12. ECOLOGICAL INFORMATION

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

ECOTOXICOLOGICAL INFORMATION: No data as a product

GENERAL COMMENTS: cured product 0.06 % and uncured material 0.3%

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: Adhesives, *containing a flammable liquid*

TECHNICAL NAME: Xylene

PRIMARY HAZARD CLASS/DIVISION: 3

UN/NA NUMBER: UN1133**PACKING GROUP:** III**OTHER SHIPPING INFORMATION:** Consumer commodities may be shipped ORM-D.**AIR (ICAO/IATA)****SHIPPING NAME:** Adhesives, *containing a flammable liquid***TECHNICAL NAME:** Xylene**UN/NA NUMBER:** UN1133**PRIMARY HAZARD CLASS/DIVISION:** 3**PACKING GROUP:** III**VESSEL (IMO/IMDG)****SHIPPING NAME:** Adhesives, *containing a flammable liquid***TECHNICAL NAME:** Xylene**UN/NA NUMBER:** 1133**PRIMARY HAZARD CLASS/DIVISION:** 3**PACKING GROUP:** III**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****FIRE:** 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
Xylenes (o-,m-,p- Isomers)	35 - 45	1330-20-7

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt. %	CERCLA RQ
Xylenes (o-,m-,p- Isomers)	35 - 45	100

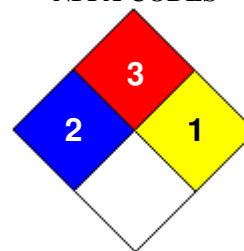
TSCA (TOXIC SUBSTANCE CONTROL ACT)**TSCA STATUS:** There are no ingredients in this product that are listed on the TSCA 12B list.**STATES WITH SPECIAL REQUIREMENTS**

Chemical Name	Requirements
2- Butoxyethanol	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 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.**16. OTHER INFORMATION****REVISION SUMMARY:** New MSDS

HMIS RATING

HEALTH:	*	2
FLAMMABILITY:		3
PHYSICAL HAZARD:		1
PERSONAL PROTECTION:		

NFPA CODES

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