

# Material Safety Data Sheet

TRADE NAME: GIOVAREZ BTB-50

Date of Preparation/Revision: 08/27/2010

## Section 1 - Chemical Product and Company Identification

**Product Name:** GIOVAREZ BTB-50  
**Chemical Name:** Isododecane (and) Behenyl Methacrylate/t-Butyl Methacrylate Copolymer  
**CAS Number:** 13475-82-6, 928122-87-6  
**Manufacturer:** PHOENIX CHEMICAL, INC.  
60 Fourth Street  
Somerville, New Jersey 08876  
Phone (908) 707-0232, Fax (908) 707-0186

CHEMTREC 24-HR EMERGENCY RESPONSE  
NUMBER: 1-800-424-9300  
INTERNATIONAL CALLS: COLLECT  
1-703-527-3887  
CHEMTREC should only be called in the event of  
chemical emergencies involving a spill, leak, fire,  
exposure, or accident involving chemicals.

## Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% wt/vol
Isododecane	13475-82-6	50
Behenyl Methacrylate/t-Butyl Methacrylate Copolymer	928122-87-6	50

  

Trace Impurities:	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH
	TWA	STEL	TWA	STEL	TWA	STEL	IDLH
None Known	None Estab.	None Estab.	Not Estab.	Not Estab.	Not Estab.	Not Estab.	Not Estab.

### ☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

#### Potential Health Effects

There are no potential health effects expected from handling this material. Good manufacturing practices are always recommended when handling any chemical.

There are no significant laboratory data to suggest any hazard to humans. A knowledge of the available toxicology information and of the physical and chemical properties of the material suggests that overexposure is unlikely to aggravate existing medical conditions.

**The material is not registered with TSCA.** This material is manufactured in accordance with the personal care exclusion as stated in the CFR. Material may be used for personal care uses only. Small quantities may be used for evaluation purposes for non-personal care use. Please contact Phoenix Chemical, Inc. for further information regarding the uses of the material for other than personal care applications.

**Acute:** Not tested      **Chronic:** None known

**Human Exposure:** Primary routes of exposure are skin and eye contact. Skin exposure can cause irritation. Ingestion may cause nausea, vomiting and/or abdominal pain.

**Medical Conditions Generally Aggravated by Exposures:** Asthma and other respiratory ailments. Any substance can be allergenic to an allergy pre-disposed individual.

**Inhalation:** Short-term harmful health effects are not expected from vapor-generated at ambient temperatures.

**Eye Contact:** May cause some moderate eye irritation.

**Skin Contact:** May cause irritation or discomfort.

**Ingestion:** May cause abdominal discomfort, nausea, vomiting and diarrhea.

**Carcinogenicity:** IARC, NTP, and OSHA do not list this product as a carcinogen.

<b>HMIS</b>
<b>H</b> 1
<b>F</b> 2
<b>R</b> 0
<b>PPE</b> C

## Section 4 - First Aid Measures

**Inhalation** If first aid is required, move victim to fresh air.

**Eye Contact:** Flush immediately with water for 15 to 20 minutes. Obtain medical attention if severe irritation occurs.

**Skin Contact:** Remove contaminated clothing. Wash affected area with soap and water.

**Ingestion:** DO NOT INDUCE VOMITING! Aspiration of material into lungs can cause chemical pneumonitis, which can be fatal. Obtain immediate medical attention.

*After first aid, get appropriate in-plant, paramedic, or community medical support.*

## GIOVAREZ BTB-50

### Section 5 - Fire-Fighting Measures

**Flash Point:** 109° F

**Flash Point Method:** TCC

**Extinguishing Media:** Carbon Dioxide, Foam, Dry Chemical, Water Spray.

**Fire-Fighting Instructions:** Solid hose streams tend to scatter liquid and spread fire. Water spray cools the burning surface and helps exclude air. Firefighter should wear self-contained breathing apparatus operated in positive pressure mode. Do not release runoff from fire control methods to sewers or waterways.

**Unusual Fire and Explosion Hazards:** Vapors are heavier than air and may travel along the ground to ignition sources (heat, sparks, flame, etc.) distant from the material handling point. Never use welding or cutting torch on or near drum (even empty) because product (or residue) may ignite explosively.



### Section 6 - Accidental Release Measures

**Safeguards (Personnel):** Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up.

**Spill /Leak Procedures:** Small – Absorb and transfer to appropriate waste containers. Large – Eliminate all ignition sources, exclude workers not wearing protective equipment, dike area, pump to a grounded salvage tank. Absorb the remainder and shovel into an appropriate waste container.

**Waste Disposal Method:** Dispose of in compliance with all Federal, State, and local regulations.

**Regulatory Requirements:** Follow applicable OSHA regulations (29 CFR 1910.120).

### Section 7 - Handling and Storage

**Handling Precautions:** (Personnel) Safety glasses and PVC gloves.

**Storage Requirements:** Keep container tightly closed.

### Section 8 - Exposure Controls / Personal Protection

**Engineering Controls:** No special engineering controls are required under normal use.

**Ventilation:** Mechanical and Local exhaust to maintain exposure below TLV (s).

**Respiratory Protection:** If TLV of product is exceeded, NIOSH/OSHA jointly approved air supplied respirator is advised.

**Protective Clothing/Equipment:** Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

**Safety Stations:** Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

**Contaminated Equipment:** Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

**Comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

### Section 9 - Physical and Chemical Properties

**Appearance and Odor:** Clear liquid, strong odor

**Vapor Pressure:** 186 mbar @ 50°C

**Vapor Density (Air=1):** 1

**Specific Gravity (H<sub>2</sub>O=1, @ 25°C):** approx. 0.85

**pH:** N/A

**Water Solubility:** Insoluble

**Boiling Point:** 352-361° F

**Freezing/Melting Point:** N/D

**Viscosity:** High

**% Volatile:** 50

**Evaporation Rate:** N/A

### Section 10 - Stability and Reactivity

**Stability:** Product is **STABLE** at room temperature in closed containers under normal storage and handling conditions.

**Chemical Incompatibilities:** Strong acids, alkalis and oxidizing agents.

**Hazardous Polymerization:** Will not occur

**Conditions to Avoid:** Heat, sparks, open flame, static discharge.

**Hazardous Decomposition Products:** Oxides of Carbon, various hydrocarbons.

## GIOVAREZ BTB-50

### Section 11- Toxicological Information

A knowledge of the available toxicology information and of the chemical properties of the material suggests that overexposure is unlikely to aggravate existing medical conditions.

### Section 12 - Ecological Information

N/A

### Section 13 - Disposal Considerations

**Disposal:** Contact a licensed contractor for detailed recommendations. Follow applicable Federal, State, and local regulations.

### Section 14 - Transport Information

#### DOT Transportation Data (49 CFR 172.101):

**Label Requirements DOT:** Flammable liquid

**UN Number:** 1866

**Proper Shipping Name:** Resin Solution

**Packing Groups:** III

**Hazard Classification:** 3

### Section 15 - Regulatory Information

**TSCA Inventory Status:** Not Listed

**EPA Regulations:** SARA 311/312 Codes:

Acute: None

Chronic: None

Fire: Yes

Reactivity: None

Pressure: None

#### State Regulations:

State	Component	CAS #	Wt.
NONE			

### Section 16 - Other Information

**Prepared by:** Phoenix Chemical, Inc., 60 Fourth Street, Somerville, NJ 08876, Phone: 908-707-0232, Fax: 908-707-0186

**Disclaimer:** While the information herein is believed to be reliable, PHOENIX CHEMICAL, INC. does not guarantee its accuracy. Purchasers are urged to conduct their own tests. PHOENIX CHEMICAL, INC. warrants its materials, as described herein, shall conform to the written specifications for such materials. PHOENIX CHEMICAL, INC. makes no other warranty, either express or implied, as to the materials' merchantability or fitness for purpose. In no event shall PHOENIX CHEMICAL, INC.'s liability for breach of this warranty exceed the purchase price of the material for which such breach is claimed. Nothing contained herein is intended as a recommendation to use PHOENIX CHEMICAL, INC. products so as to infringe any patent and no liability for customer's violation of patent or other rights is assumed.