

# MARK V LAB

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## Safety Data Sheet acc. to OSHA HCS

Printing date 03/18/2016

Revised on 01/1/2018

### 1 Identification

- **Product name:** *DPB Blue Diallyl Phthalate Powder, Glass-Filled*
- **Part number:** 160-10005, 160-10006
- **Application of the substance / the mixture** Thermoset molding
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Allied High Tech Products Inc.  
2376 East Pacifica Place  
USA-RANCHO DOMINGUEZ, CA 90220  
USA  
info@alliedhightech.com
- **Information department:** Product safety department
- **Emergency telephone number:**  
During normal opening times: +1 800-243-9776  
Chemtrec: +1 (202) 483-7616

### 2 Hazard(s) identification

- **Classification of the substance or mixture**



STOT SE 3H335 May cause respiratory irritation.

- **Label elements**
- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



- **Signal word** Warning
- **Hazard statements**  
May cause respiratory irritation.
- **Precautionary statements**  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Use only outdoors or in a well-ventilated area.  
**IF INHALED:** Remove person to fresh air and keep comfortable for breathing.  
Call a POISON CENTER/doctor if you feel unwell.

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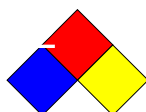
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- Store locked up.
- Store in a well-ventilated place. Keep container tightly closed.
- Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Health = 0

Fire = 1

Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = 0

Fire = 1

Reactivity = 0

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Hazardous Components:**

65997-17-3	Fibrous Glass	25-50%
	Mineral Fillers	10-<25%
	Flame Retardants	2.5-<10%
	Pigments	2.5-<10%
· <b>Non-hazardous Components</b>		
	Diallyl Phthalate Resin	25-50%
	Catalysts	2.5-<10%

### 4 First-aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

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**Product name: Blue Diallyl Phthalate Powder, Glass-Filled**

### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Pick up mechanically.  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### 7 Handling and storage

- **Handling:**
- **Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Store at temperatures not exceeding 32 °C.  
Store in a dry place. Store in a closed container.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Keep receptacle tightly sealed.  
Store receptacle in a well ventilated area.
- **Specific end use(s)** No further relevant information available.

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### 8 Exposure controls/personal protection

· *Additional information about design of technical systems: No further data; see item 7.*

· *Components with limit values that require monitoring at the workplace:*

**Control parameters**

**65997-17-3 Fibrous Glass**

PEL Long-term value: 15 mg/m<sup>3</sup>

TLV Long-term value: 10 mg/m<sup>3</sup>

**Mineral Fillers**

PEL Long-term value: 6-15 mg/m<sup>3</sup>

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TLV Long-term value: 10-15 mg/m<sup>3</sup>

**Flame Retardants**

PEL Long-term value: 2 mg/m<sup>3</sup>

TLV Long-term value: 2 mg/m<sup>3</sup>

**Pigments**

PEL Long-term value: 3.5 mg/m<sup>3</sup>

TLV Long-term value: 3.5 mg/m<sup>3</sup>

· *Additional information: The lists that were valid during the creation were used as basis.*

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

· **Breathing equipment:** Use suitable respiratory protective device when high concentrations are present.

· **Protection of hands:**

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Not required.

## 9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information · Appearance:

Form:

Powder

Color:

As specified in the Safety Data Sheet

· Odor:

Mild acc. to OSHA HCS

· Odor threshold:

Not determined.

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Product name: Blue Diallyl Phthalate Powder, Glass Filled

· Change in condition

Melting point/Melting range:

Undetermined.

Boiling point/Boiling range:

Undetermined.

· Flash point:

Not applicable.

· Flammability (solid, gaseous):

Not determined.

· Ignition temperature:

Decomposition temperature:

Not determined.

· Auto igniting:

Product is not selfigniting.

· Danger of explosion:

Product does not present an explosion hazard.

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· Explosion limits:

Lower:

Not determined.

Upper:

Not determined.

· Vapor pressure:

Not applicable.

· Density: Not determined. · Relative density Not determined. · Vapor density Not applicable.

· Specific gravity at 15 °C (59 °F): 1.82 (Water = 1)

· Evaporation rate Not applicable.

· Solubility in / Miscibility with

Water:

Insoluble.

· Partition coefficient (n-octanol/water): Not determined.

· Viscosity:

Dynamic: Not applicable. Kinematic: Not applicable.

· Solvent content:

Organic solvents:

0.0 %

VOC content:

0.0 g/l / 0.00 lb/gl

· Solids content:  
information available.

100.0 % · Other information

No further relevant

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**Product name: Blue Diallyl Phthalate Powder, Glass-Filled**

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary chemical irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
- Abrasive skin irritant
- Abrasive eye irritant

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### 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** To avoid thermal decomposition do not overheat. ·
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid**
- Keep away from open flames. - No smoking.
- Keep away from oxidising agents and acidic substances.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** Carbon monoxide and carbon dioxide

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- **Carcinogenic categories**
- **IARC (International Agency for Research on Cancer)**
- None of the ingredients is listed.
- **NTP (National Toxicology Program)**
- None of the ingredients is listed.
- **OSHA-Ca (Occupational Safety & Health Administration)**
- None of the ingredients is listed.

### 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** Not easily biodegradable ·
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
- Water hazard class 1 (Self-assessment): slightly hazardous for water
- Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

## 14 Transport information

- UN-Number
- DOT, ADN, IMDG, IATA

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### *not regulated* **Safety Data Sheet**

- UN proper shipping name
  - DOT, ADN, IMDG, IATA
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*not regulated*  
**acc. to OSHA HCS**  
*not regulated*

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- Transport hazard class(es)

Product name: **Blue Diallyl Phthalate Powder, Glass-Filled**

- DOT, ADN, IMDG, IATA

- Class *not regulated*

- Packing group ·  
DOT, IMDG, IATA *not regulated*

- Environmental hazards:
- Marine pollutant: *No*

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## 13 Disposal considerations

- Waste treatment methods
- Recommendation: Contact waste processors for recycling information.
- Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.

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- Special precautions for user *Not applicable.*

- Transport in bulk according to Annex II of  
MARPOL73/78 and the IBC Code *Not applicable.*

- UN "Model Regulation": *not regulated*

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· <b>Section 355 (extremely hazardous substances):</b>
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None of the ingredients is listed.
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· <b>Section 313 (Specific toxic chemical listings):</b>
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None of the ingredients is listed.
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· <b>TSCA (Toxic Substances Control Act):</b>
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65997-17-3   Fibrous Glass
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### 15 Regulatory information

· <b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>
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· Sara
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· <b>Proposition 65</b>
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· <b>Chemicals known to cause cancer:</b>
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None of the ingredients is listed.
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· <b>Chemicals known to cause reproductive toxicity for females:</b>
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None of the ingredients is listed.
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· <b>Chemicals known to cause reproductive toxicity for males:</b>
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None of the ingredients is listed.
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· <b>Chemicals known to cause developmental toxicity:</b>
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None of the ingredients is listed.
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· <del>EPA (Environmental Protection Agency)</del>
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· <del>Carcinogenic categories</del>
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None of the ingredients is listed.
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· <b>TLV (Threshold Limit Value established by ACGIH)</b>
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None of the ingredients is listed.
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· <b>NIOSH-Ca (National Institute for Occupational Safety and Health)</b>
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None of the ingredients is listed.
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· <b>Chemical safety assessment:</b> A Chemical Safety Assessment has not been carried out.
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## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing SDS:** Environment protection department  
· **Contact:** Kim Dermit

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### Abbreviations and acronyms:

**Product name:** Blue Diallyl Phthalate Powder, Glass Filled  
par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

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(Contd. of page 7) IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
NFPA: National Fire Protection Association (USA)  
HMIS: Hazardous Materials Identification System (USA)  
VOC: Volatile Organic Compounds (USA, EU)  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
NIOSH: National Institute for Occupational Safety  
OSHA: Occupational Safety & Health  
TLV: Threshold Limit Value  
PEL: Permissible Exposure Limit  
REL: Recommended Exposure Limit  
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

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