

HUDSON

MATERIAL SAFETY DATA SHEET

DATE PREPARED: 01/10/2003

MSDS No: MPBDAPG-50

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: Blue Diallyl Phthalate-Glass, 50 pound container**PRODUCT CODE:** MPBDAPG-50**MANUFACTURER**

Hudson Supply Company

4500 Lee Rd

Cleveland, OH 44128-2959

Customer Service: (800) 486-0480**24 HR. EMERGENCY TELEPHONE NUMBERS****CHEMTREC (U.S.):** (800) 424-9300**Emergency Phone:** (800) 424-9300

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt. %</u>	<u>CAS#</u>
Glass, Fibrous or Dust	25 - 45	65997-17-3
Titanium Dioxide	0.5 - 1.5	1317-70-0
Alumina Trihydrated	2 - 8	21645-51-2
Diallyl Phthalate Prepolymer	25 - 45	25053-15-0
T-Butyl Perbenzoate	1 - 3	614-45-9
Carbon black	<1	1333-86-4

COMPONENTS :**EXPOSURE LIMITS**

<u>Chemical Name</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Supplier</u>
Glass, Fibrous or Dust	5 mg/m ³	10 mg/m ³	
Titanium Dioxide	10 mg/m ³	10 mg/m ³	
Alumina Trihydrated	5 mg/m ³	5 mg/m ³	
Diallyl Phthalate Prepolymer			
T-Butyl Perbenzoate			
Carbon black	3.5 mg/m ³	3.5 mg/m ³	

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS**EYES:** May cause significant irritation to the eyes.

SKIN: May cause significant irritation to the skin.

INGESTION: If ingested, seek medical attention

INHALATION: May cause significant irritation to the lungs, upper respiratory tract and nose.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Redness and possible itching and/or tearing of the eyes.

SKIN: Redness and/or itching of the skin

INGESTION: No known adverse effects

INHALATION: Possible coughing, burning, tightness of chest and/or shortness of breath.

ACUTE EFFECTS: Dust will cause nose and throat irritation. Product dust will be moderately irritating to eyes and irritating to skin upon repeated or prolonged contact. Fiberglass component is a continuous filament fiber and considered a mechanical irritant and nuisance.

*IARC has listed carbon black as a Class 2B possible human carcinogen based on laboratory studies.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for two to three minutes. Remove any contact lenses and continue flushing for 15 minutes. Get medical attention.

SKIN: Wash thoroughly with soap and water.

INGESTION: If ingested, seek medical attention.

INHALATION: Remove individual to fresh air.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Not Applicable

FLAMMABLE LIMITS: N/A to N/A

AUTOIGNITION TEMPERATURE: Not Applicable

EXTINGUISHING MEDIA: Water spray (Fog), foam and carbon dioxide.

EXPLOSION HAZARDS: None

FIRE FIGHTING PROCEDURES: Some component materials may thermally decompose or burn emitting toxic fumes and smoke including carbon dioxide and carbon monoxide.

FIRE FIGHTING EQUIPMENT: Fire fighters should wear goggles and self-contained breathing apparatus to avoid inhalation of smoke or vapors.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Sweep or vacuum spills into appropriate containers for disposal. Follow standard landfill methods consistent with applicable Federal, State and Local laws.

LARGE SPILL: Sweep or vacuum spills into appropriate containers for disposal. Follow standard landfill methods consistent with applicable Federal, State and Local laws.

7. HANDLING AND STORAGE

HANDLING: Avoid generating dust during handling. Provide appropriate exhaust ventilation at places where dust can be generated. Wear eye protection (goggles, safety glasses or safety mask.) Wash hands with soap and water.

STORAGE: No special storage methods are required.

STORAGE TEMPERATURE: (200°F) maximum

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide sufficient local exhaust and general ventilation to maintain exposure below PEL(s), especially for spraying operations which produce mists.

PERSONAL PROTECTION

EYES AND FACE: Wear safety glasses while sanding or grinding. OSHA 29 CFR 1910.133.

SKIN: Wear gloves to prevent abrasion and/or skin irritation.

RESPIRATORY: If airborne dust is present, use a NIOSH approved particulate respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid

ODOR: Odorless

APPEARANCE: Granular

COLOR: Various

pH: Not Applicable

PERCENT VOLATILE: Not Applicable

VAPOR PRESSURE: Not Applicable

VAPOR DENSITY: Not Applicable

BOILING POINT: Not Applicable

FREEZING POINT: Not Applicable

MELTING POINT: Not Applicable

SOLUBILITY IN WATER: Insoluble

EVAPORATION RATE: Not Applicable

SPECIFIC GRAVITY: 1.6 to 1.9 (water=1)

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

CONDITIONS TO AVOID: Not Applicable

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

HAZARDOUS DECOMPOSITION: Oxides of Carbon.

INCOMPATIBLE MATERIALS: Not Applicable

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: This material may cause significant irritation to the eyes.

SKIN EFFECTS: This material may cause significant irritation to the skin.

CARCINOGENICITY:

IARC: Not listed by IARC

NTP: Listed by NTP - No

OSHA: Not listed by OSHA

12. ECOLOGICAL INFORMATION

COMMENTS: Not Applicable

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: In compliance with Federal, State and local regulations for landfills.

14. TRANSPORT INFORMATION

COMMENTS: Not Applicable

15. REGULATORY INFORMATION

GENERAL COMMENTS: Not Applicable

16. OTHER INFORMATION

APPROVED BY: David C. Dillon **TITLE:** Systems Administrator

APPROVAL DATE: 01/10/2003

REVISION SUMMARY Revision #: 1

This MSDS replaces the January 10, 2003 MSDS. Any changes in information are as follows:

In Section 3
Potential Health Effects - Inhalation

NFPA CODES

FIRE: 0 **HEALTH:** 1 **REACTIVITY:** 0 **SPECIAL:** N/A

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