

PRECISION SURFACES INTERNATIONAL, INC.

922 Ashland Houston, TX 77008-6734

713-426-2220 Fax: 713-426-2223

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: Diallyl Phthalate, Blue
Product Identifier: PSI-203-5
Supplier: Precision Surfaces International, Inc.
922 Ashland, Houston, TX 77008-6734
Emergency Telephone: Infotrac 800-535-5053
Recommended Use: Thermoset molding

SECTION 2: Hazard(s) Identification

Hazard Classification

Possible irritant

Label Elements

Signal Word

Warning

Pictograms



Hazard Statements

Skin Sens. 1: H316 May cause mild skin irritation

Eye Irritation: H320 May cause eye irritation

Respiratory: H335 May cause respiratory irritation

Emergency Overview

This product is a solid, powder compound in various colors with little to no odor.

Health Hazard

This product may cause mild irritation to nose, throat, lungs or skin. Possible mild mechanical irritation to eyes. Ingestion may cause irritation of the mouth, throat and gastrointestinal tract.

Flammability Hazards

This product is not flammable.

Reactivity Hazards

This material does not react with water.

Environmental Hazards

This material is not biodegradable. Long-term adverse effects in aquatic environments has not been determined.

Emergency Considerations

Emergency responders must wear the proper personal protective equipment (and have appropriate fire suppression equipment) suitable for the situation to which they are responding.

SECTION 3: Composition/Information on Ingredients

This product is a mixture.

Ingredient	C.A.S. No.	% by Weight
Diallyl Phthalate Resin	N/A	30 – 40
Fiberglass	65997-17-3	25 – 45
Mineral Fillers	Mixture	20 – 30
Pigments	Mixture	< 5%
Catalysts	Mixture	< 5%

SECTION 4: First-aid Measures**Description of first aid measures****General Information**

Change contaminated clothing.

Inhalation

Remove victim to fresh air. If breathing is difficult, give oxygen. If not breathing, administer artificial respiration. Get medical attention.

Skin Contact

Wipe excess material from skin and wash with soap and water. Get medical attention if irritation persists. Wash clothing before reuse. Get medical attention if irritation occurs.

Eye Contact

Flush with running water for at least 15 minutes. Do not scrub. Get medical attention if irritation persists.

Ingestion

If swallowed, dilute with large amounts of water or milk. DO NOT INDUCE VOMITING. Consult physician if unusual reaction is noted. Never give fluids or induce vomiting if the victim is unconscious or having convulsions.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Fire-fighting Measures**Suitable extinguishing media**

Dry Chemical, Water Spray (Fog), Foam, Carbon Dioxide

Special Fire Fighting Procedures

Some component materials may thermally decompose or burn emitting toxic fumes and smoke including carbon dioxide and carbon monoxide. Fire fighters should wear full protective gear including eye protection and self-contained breathing apparatus (SCBA). Do not release runoff from fire control methods to sewers or waterways.

Flash Point (°F) and Method

N/A

Flammable Limits in air (volume %)

Lower (LEL): N/A

Upper (UEL): N/A

Autoignition Temperature, °F

N/A

Unusual Fire and Explosion Hazards

None.

SECTION 6: Accidental Release Measures

Protective equipment and emergency procedures

Use with local exhaust to control dust formations. Ensure adequate ventilation. Wear personal protective equipment (see section 8) when responding to spills.

Environmental Precautions

Do not discharge into the drains, surface waters, and/or groundwater.

Spills/Leaks

Sweep or vacuum spills into appropriate containers for disposal. This material is not regulated under RCRA or CERLA ("Superfund").

Regulatory Requirements

Follow applicable OSHA (29 CFR 1910.120), state or local regulations.

SECTION 7: Handling and Storage
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Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust can be generated. Wear an approved dust respirator and eye protection (goggles, safety glasses). Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

Conditions for safe storage including any incompatibilities

Store in closed, properly labeled containers in a dry location between 70°F and 89°F. Do not transfer to unmarked containers.

Shelf Life

Use within 12 months.

Labeling

D.O.T.: No special labels are required.

SECTION 8: Exposure Controls/Personal Protection

Control Parameters

Exposure Limits in Air

Ingredient	C.A.S. No.	Agency	Limit Type
Diallyl Phthalate Resin	N/A	ACGIH TLV TWA	N/E
Diallyl Phthalate Resin	N/A	OSHA PEL	N/E
Fiberglass	65997-17-3	ACGIH TLV TWA	10 mg/m ³ Total
Fiberglass	65997-17-3	OSHA PEL	15 mg/m ³ Total
Mineral Fillers	Mixture	ACGIH TLV TWA	10 – 15 mg/m ³ Total
Mineral Fillers	Mixture	OSHA PEL	6-15 mg/m ³ Total
Pigments	Mixture	ACGIH TLV TWA	3.5 mg/m ³ Total
Pigments	Mixture	OSHA PEL	3.5 mg/m ³ Total
Catalysts	Mixture	ACGIH TLV TWA	N/E
Catalysts	Mixture	OSHA PEL	N/E

Exposure Controls

Engineering Controls

Ensure all national/local regulations are observed. General and/or local exhaust ventilation to control airborne dust levels below exposure limits.

Biological Exposure Limits

N/A

Personal Protective Equipment (PPE)

Eye/Face Protection

Wear appropriate protective glasses or chemical safety goggles as described by OSHA's eye and face protection regulations 29 DFR 1910.133. Have eyewash facilities readily available.

Skin/Hand Protection

Wear appropriate protective gloves to prevent skin exposure. Wash with mild soap and water after handling.

Clothing

Wear appropriate protective clothing to prevent skin exposure. Wash clothing after use.

Respiratory Protection

Recommended that users wear NIOSH/MHSA approved disposable respirators designed for nuisance-type dusts in accordance with the OSHA respirator regulation 29CFR 1910.134.

For questions about suitability for a specific application, consult with your respirator manufacturer.

Chronic Overexposure Effects

There are no known chronic effects associated with this material

Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet facilities. Promptly remove soiled clothing and wash thoroughly before reuse. Shower after work using plenty of soap and water.

Potential Health Effects

Primary Routes of Entry	Inhalation, ingestion, skin and eye contact
Acute Inhalation	Temporary upper respiratory irritation
Chronic Inhalation	None known
Acute Skin Contact and Sensitization	Temporary redness, skin irritation and itching through mechanical abrasion
Chronic Skin Contact	Not known, none observed to date
Skin Absorption	Occasional temporary redness, skin irritation and itching
Acute Ingestion	Contact physician if unusual reaction is noted
Chronic Ingestion	None known
Acute Eye Contact	Temporary eye redness and irritation
Chronic Eye Contact	Not known, none observed to date
Medical Conditions Which May Be Aggravated	Pre-existing conditions which may be aggravated by mechanical irritants upon inhalation or skin contact
Carcinogenicity	This product is not considered carcinogenic by OSHA, NTP, or IARC

SECTION 9: Physical and Chemical Properties

Physical State:	Solid (Granules or preforms)
Appearance:	Granular of various colors
Odor:	Mild
Odor Threshold:	Not Determined
pH:	Not Determined
Boiling Point:	Not Applicable
Melting Point:	Not Applicable
Specific Gravity @ 15°C (59°F)	1.82 (water = 1.00)
Decomposition Temperature:	Not Applicable
Flash Point:	None
Auto-ignition Temperature:	No information available
Explosive Properties:	Not Applicable
Water Solubility:	Insoluble in water

SECTION 10: Stability and Reactivity

Reactivity

Not reactive under normal use conditions.

Chemical Stability

Stable under recommended storage conditions.

Corrosive Properties

Not corrosive.

Reactivity with water

Not reactive with water.

Conditions to avoid

Open Fire, and strong oxidizing agents such as chlorates, bromates, and nitrates.

Possibility of hazardous reactions

Hazardous polymerization will not occur.

SECTION 11: Toxicological Information

Inhalation

Nuisance dust. May cause irritation through mechanical irritation.

Skin Contact

Nuisance dust. May cause irritation through mechanical irritation.

Eye Contact

Nuisance dust. May cause irritation through mechanical irritation.

Ingestion

No Data Available.

Acute Toxicity

No Data Available.

Chronic (Long-term) Effects

No Data Available.

Carcinogenicity

This product is not considered as carcinogenic by OSHA, IARC, NTP, or ACGIH.

SECTION 12: Ecological Information

Please contact the phone number listed on the first page of the SDS for additional ecological information on this material and/or its components.

SECTION 13: Disposal Considerations

Disposal methods

Dispose of contents/container in accordance with the local, regional, national, and international regulations. This product is not considered hazardous as defined by CERCLA/RCRA (40 CFR Part 261). Material is not recyclable.

SECTION 14: Transport Information

UN Proper Shipping Name and Number

Not applicable

Transport Hazard Class(es)

Not classified as dangerous goods under Department of Transportation regulations: (49 CFR 172.101) for road, rail, sea or air transport.

National Motor Freight Classification (NMFC)

156200, Class 60

D.O.T. Regulation

Not regulated

Export Schedule B Number

3907.91.4000 *Resins Polyester, Unsaturated, Including Allyl Resins*

SECTION 15: Regulatory Information**OSHA Hazard Communication Rule, 29 CFR 1910.1200**

This product is not classified a hazardous chemical.

Toxic Substance Control Act

This product is not subject to any legal reporting requirements under this act.

Emergency Planning and Community Right-To-Know Acts

This product is not considered as hazardous or toxic under Federal SARA, Title III or California Prop 65 definitions.

CERCLA/Superfund, 40 CFR 117, 302

This product contains no Reportable Quantity (RQ) substances.

SECTION 16: Other Information**NFPA Hazard Classification**

Health: 1

Flammability: 1

Instability: 1

Special Hazards: None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

HMIS Hazard Classification

Health: 1

Flammability: 1

Physical Hazard: 0

Personal Protection: E

Hazardous Material Identification System (HMIS® IV) hazard ratings are designed to inform employees of chemical hazards in the workplace. These ratings are based on the inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations. HMIS® IV ratings are to be used with a fully implemented HMIS® IV program. HMIS® is a registered mark of the American Coatings Association (ACA).

0=minimal hazard 1=slight hazard 2=moderate hazard 3=serious hazard 4=extremely hazard

The above information and recommendation are believed to be accurate and reliable. However, no warranty, either expressed or implied, is made as to its accuracy or completeness and none is made as to fitness of this material for any purpose. The manufacturer or supplier shall not be liable for damages to person or property resulting from its use. Nothing herein shall be construed as a recommendation for use in violation of any patent.

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