

# MATERIAL SAFETY DATA SHEET • MSDS



## SECTION I • PRODUCT IDENTIFICATION

<b>TRADE NAME</b>	<b>DIALLYL PHTHALATE POWDER</b>
<b>ANAMET PRODUCT NUMBER</b>	<b>204-X</b>

### CHEMICAL NAME

**MANUFACTURER / SUPPLIER'S NAME** ANAMET  
**ADDRESS** P.O. Box 538  
 BOUCHERVILLE, QUÉBEC, J4B 6Y2  
**TELEPHONE NO.** (450) 646-1290  
**EMERGENCY TELEPHONE NO.** CANUTEC (613) 996-6666

## SECTION II • COMPOSITION / INFORMATION ON COMPONENTS

Chemical characterization Description	CAS number	%	OSHA PEL (mg/m <sup>3</sup> )	ACGIH TLV(mg/m <sup>3</sup> )
Diallyl Phthalate Resin.	Not established.	30-40	Not established.	Not established.
Mineral Fillers.	Mixture.	20-30	10-15	10-15
Flame Retardants.	Mixture.	0-5	2	2
Pigments.	Mixture.	< 5	3.5	3.5
Catalysts.	Mixture.	< 5	Not established.	Not established.

**NOTE:** Ingredients are listed on the TSCA Inventory of Chemical Substances. Those not identified are non-hazardous.

## SECTION III • PHYSICAL / CHEMICAL CHARACTERISTICS

<b>Boiling point in °C</b>	Not applicable.	<b>Vapor pressure (mm Hg)</b>	Not available.
<b>Melting point</b>	Not applicable.	<b>Vapor density (Air = 1)</b>	Not available.
<b>Density (Water = 1)</b>	1.82	<b>Evaporation rate (Butyl acetate= 1)</b>	Not available.
<b>Solubility in water</b>	Negligible.		
<b>Appearance and odor</b>	Granular powder.		

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## SECTION IV • FIRE / EXPLOSION HAZARD

Flash point	Non flammable.			
Flammable limits	LEL	Not applicable.	UEL	Not applicable.
Auto ignition	Not established.			
Extinguishing medium	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.			
Unusual fire and explosion	Aromatic hydrocarbons.			

## SECTION V • REACTIVITY

Stability	Stable.
Conditions to avoid	Open fire and strong oxidizing agents such as chlorates, bromates and nitrates.
Incompatibility	Not established.
Hazardous decomp. products	Carbon oxides and aromatic hydrocarbons.
Hazardous polymerization	Will not occur.

## SECTION VI • TOXICOLOGICAL PROPERTIES OF PRODUCT

### A - SUGGESTED FIRST AID

Eyes	Flush with running water for at least 15 minutes. Get medical attention if irritation persists.
Skin	Wash with soap and water. Get medical attention if irritation persists. Wash clothing before reuse.
Inhalation	Remove victim to fresh air.
Ingestion	If swallowed, dilute with large amounts of water. Do not induce vomiting. Consult physician if unusual reaction is noted.

### B – TOXICOLOGICAL INFORMATION

**PRIMARY ENTRY ROUTES:** Inhalation, ingestion, skin and eye contact.

#### • SHORT TERM EXPOSURE

Eyes	Temporary eye redness and irritation.
Skin	Temporary redness, skin irritation and itching through mechanical abrasion.
Inhalation	Temporary upper respiratory irritation.

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**Ingestion** | Contact physician if unusual reaction is noted.

## • LONG TERM EXPOSURE

<b>Carcinogenicity</b>	None.
<b>Teratogenicity, Mutagenicity and other reproductive effects</b>	None.
<b>Skin Sensitization</b>	Prolonged contact may cause skin irritation.
<b>Respiratory tract sensitization</b>	May slightly be irritating to the respiratory tract.
<b>Synergistic materials</b>	None.

## SECTION VII • PRECAUTIONARY INFORMATION PERSONAL PROTECTIVE MEASURES

<b>Eye, face &amp; hands</b>	Wear appropriate face shield or safety glasses.
<b>Respiratory</b>	Wear NIOSH/MHSA approved disposable respirators designed for nuisance-type dusts.
<b>Ventilation</b>	Do not use without adequate ventilation,
<b>Hearing</b>	As needed in accordance with OSHA 1910-215.
<b>HMIS Hazard Ratings</b>	Health: 1    Fire: 1    Reactivity: 0

## SECTION VIII • SAFETY PRECAUTIONS IN CASE OF LEAKS OR SPILLS

<b>Spills</b>	Sweep or vacuum spills into appropriate containers for disposal.
<b>Waste disposal</b>	Disposal of any spill should be in accordance with local, state, or national legislation

## SECTION IX • STORAGE AND HANDLING

<b>Handling</b>	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.
<b>Storage</b>	Protect product quality by storing indoors and away from extreme temperatures. Close containers when not in use.
<b>Shipping classification</b>	<ul style="list-style-type: none"><li>• <b>Dot Shipping Name:</b> Not regulated.</li><li>• <b>TDG/UN Shipping Names:</b> Not regulated.</li><li>• <b>UN Number:</b> Not regulated.</li></ul>
<b>DOT hazard class</b>	<ul style="list-style-type: none"><li>• <b>Hazard Class:</b> Not regulated.</li><li>• <b>Packing Group:</b> Not regulated.</li><li>• <b>TDG Exemption:</b> Not regulated.</li><li>• <b>Label:</b> Not regulated.</li></ul>

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	<ul style="list-style-type: none"><li>• <b>ATA Class:</b> Not regulated.</li><li>• <b>IMDG Class:</b> Not regulated.</li></ul>
<b>HMIS Coding</b>	Health: 1 Flammability: 1 Reactivity: 0

## SECTION X • ECOLOGICAL INFORMATION

<b>Environmental Fate and Distribution</b>	Not available.
<b>Persistence and Degradation</b>	Not available.
<b>Toxicity</b>	Not available.
<b>Effect of effluent treatment</b>	Not available.

## SECTION XI • REGULATORY INFORMATION

### • EC REGULATIONS:

TSCA STATUS: On Toxic Substance Control Inventory.  
CERCLA REPORTABLE QUANTITY: None.  
SARA TITLE III

- Section 302: None.
- Section 311/312: Chronic.
- Section 313: None.

RCRA STATUS: Not regulated.

### • CANADIAN REGULATIONS:

WHMIS Classification: D2A.

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## **TERMINOLOGY**

**ACGIH:** American Conference of Governmental Industrial Hygienists

**CAS:** Chemical Abstract Service

**CFR:** Code of Federal Regulations (Transportation in U.S.A.)

**DOT:** Department of Transportation (USA)

**DSL:** Domestic Substance List

**HMIS:** Hazardous material information sheet

**IARC:** International Agency for Research and Cancer

**LC:** Lethal Concentration

**LD:** Lethal Dosage

**MSHA:** Mine Safety and Health Administration (USA)

**NIOSH:** National Institute for Occupational Safety and Health (USA)

**NTP:** National Toxicology Program (U.S.A.)

**OSHA:** Occupational Safety and Health Administration (USA)

**PEL:** Permissible exposure limit.

**STEL:** Short term exposure limit.

**TDG:** Transportation of Dangerous Goods

**TLV:** Threshold limits value.

**TSCA:** Toxic Substances Control Act

**TWA:** Time-weighted average

**USEPA:** United States Environmental Protection Agency

**WHMIS:** Workplace Hazardous Materials Information System