

MATERIAL SAFETY DATA SHEET • MSDS



SECTION I • PRODUCT IDENTIFICATION

TRADE NAME	DIALLYL PHTHALATE POWDER
ANAMET PRODUCT NUMBER	203-X

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 ³)	ACGIH TLV(mg/m ³)
Diallyl Phthalate Resin.	Not established.	30-40	Not established.	Not established.
Fiberglass.	65997-17-3	25-45	10	10
Mineral Fillers.	Mixture.	20-30	10-15	10-15
Flame Retardants.	Mixture.	< 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

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

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SECTION IV • FIRE / EXPLOSION HAZARD

Flash point	Not established.			
Flammable limits	LEL	Not established.	UEL	Not established.
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	None			

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

SECTION VII • PRECAUTIONARY INFORMATION PERSONAL PROTECTIVE MEASURES

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

SECTION VIII • SAFETY PRECAUTIONS IN CASE OF LEAKS OR SPILLS

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

SECTION IX • STORAGE AND HANDLING

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

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

SECTION X • ECOLOGICAL INFORMATION

Environmental Fate and Distribution	Not available.
Persistence and Degradation	Not available.
Toxicity	Not available.
Effect of effluent treatment	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