

MATERIAL SAFETY DATA SHEET • MSDS



SECTION 1 • PRODUCT IDENTIFICATION

TRADE NAME	DIAMOND SPOT DISCS
ANAMET PRODUCT NUMBER	470-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)
Diamond.	7782-40-3	1-15	Not Applicable.	Not Applicable.
Nickel.	7440-02-0	20-60	1	1

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 Applicable.
Melting point in °C	Not Applicable.	Vapor density (Air = 1)	Not Applicable.
Density (Water = 1)	>1	Evaporation rate (Butyl acetate = 1)	Not Applicable.
Solubility in water	Insoluble.		
Appearance and odor	Colored disc / Odorless.		

MATERIAL SAFETY DATA SHEET • MSDS



SECTION IV • FIRE / EXPLOSION HAZARD

Flash point	Not applicable.			
Flammable limits	LEL	Not applicable.	UEL	Not Applicable.
Extinguishing medium	Fog water, carbon dioxide, foam and dry chemical.			
Special fire fighting procedures	Not applicable.			
Unusual fire and explosion hazards	Not established.			

SECTION V • REACTIVITY

Stability	Stable.
Conditions to avoid	Avoid using the product in totally unventilated area.
Incompatibility	Avoid contact with acids.
Hazardous decomposition products	Carbon monoxide and carbon dioxide.
Hazardous Polymerization	Will not occur.

SECTION VI • TOXICOLOGICAL PROPERTIES OF PRODUCT

A - SUGGESTED FIRST AID

Eyes	Immediately flush with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get medical attention, if irritation or symptoms of overexposure persists...
Skin	Immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
Inhalation	If dust from cutting or drilling is inhaled, remove the affected person to fresh air. If symptoms persist, get medical attention.
Ingestion	Accidental ingestion of this material is unlikely, If this does occur, watch person for several days to make sure intestinal blockage does not occur. If symptoms persist, call a physician.

B – TOXICOLOGICAL INFORMATION

PRIMARY ENTRY ROUTES: Inhalation.

• SHORT TERM EXPOSURE

Eyes	Dust May cause slight irritation.
Skin	Dust from this product may cause temporary mechanical irritation
Inhalation	Dusts from this product may cause mechanical irritation of the nose, throat and respiratory tract.

MATERIAL SAFETY DATA SHEET • MSDS



Ingestion Ingestion of this product is unlikely. However, ingestion of product may produce gastrointestinal and disturbances.

• **LONG TERM EXPOSURE**

Carcinogenicity Not established.

Teratogenicity, Mutagenicity and other reproductive effects Not established.

Skin Sensitization Not established.

Respiratory tract sensitization Not established.

Synergistic materials Not established.

SECTION VII • PRECAUTIONARY INFORMATION

PERSONAL PROTECTIVE MEASURES

Eyes, face & hands Recommend standard face and eye protection at all times while using abrasive products.

Respiratory As needed, use approved dust respirator (OSHA CFR1910.134)

Ventilation Do not use without adequate ventilation (OSHA 29CFR1910.94) (OSHA 29CFR1910.1000) (OSHA CFR1910.213) (OSHA 1910.243). Use adequate local and mechanical exhaust ventilation.

Hearing As needed in accordance with OSHA 1910-215.

HMS Ratings Health : 1 Fire : 0 Reactivity : 0

SECTION VIII • SAFETY PRECAUTIONS IN CASE OF LEAKS OR SPILLS

Spill or leak procedure Use ordinary precautions for dusts and particulates.

Waste disposal Disposal should be in accordance with local, state, or national legislation. Incinerate under approved controlled conditions.

SECTION IX • STORAGE AND HANDLING

Storage No information.

Handling Because of the possibility of abrasions use normal hand, face and body protection.

Shipping classification DOT hazard class

- **Dot Shipping Name:** Not regulated.
- **TDG/UN Shipping Names:** Not regulated.
- **UN Number:** Not regulated.
- **Hazard Class:** Not regulated.
- **Packing Group:** Not regulated.
- **TDG Exemption:** Not regulated.
- **Label:** Not regulated.
- **IATA Class:** Not regulated.

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

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

SECTION XI • REGULATORY INFORMATION

• EC REGULATIONS:

TSCA STATUS: On Toxic Substance Control Inventory.
CERCLA REPORTABLE QUANTITY: Nickel, 100 lb (45.4 kg).
SARA TITLE III

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

RCRA STATUS: Not regulated.

• CANADIAN REGULATIONS:

WHMIS Classification: Not regulated.

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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

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