

MATERIAL SAFETY DATA SHEET • MSDS



SECTION 1 • PRODUCT IDENTIFICATION

TRADE NAME	DIAMOND PASTE, OIL BASE
ANAMET PRODUCT NUMBER	50X-MOX-25
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	ACGIH TLV
Polyalkylene Glycol.	9003-13-8	40-65	50 mg/m ³	50 mg/m ³
Adipate.	103-23-1	10-25	None	None
Silica.	7631-86-9	5-20	6 mg/m ³	10 mg/m ³
Ethoxylated Tail Oil	Mixture	2-20	None	None
Diamond	7782-40-1	1-20	10	10

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	>130 °C (266°F)	Vapor pressure (mm Hg)	Negligible.
Melting point in °C	< 10 °C (50°F)	Vapor density (Air = 1)	Not established.
Specific Gravity (Water = 1)	1.05 - 1.2	Evaporation rate (Butyl acetate= 1)	Not applicable.
Solubility in water	Insoluble.		
Appearance and odor	Solid product, colored paste.		

MATERIAL SAFETY DATA SHEET • MSDS



SECTION IV • FIRE / EXPLOSION HAZARD

Flash point	Not applicable			
Flammable limits	UPPER	Not applicable.	LOWER	Not applicable.
Extinguishing medium	Dry chemical, carbon dioxide, and water fog or foam.			
Special fire fighting procedures	Self contained breathing apparatus, full protective clothing.			
Unusual fire and explosion hazards	None known.			

SECTION V • REACTIVITY

Stability	Stable.
Conditions to avoid:	Strong acids and bases. Heat Source.
Incompatibility	Strong oxidizing materials, hypochlorite, chlorine.
Hazardous decomposition products	Carbon oxides, unidentified organic compounds in fumes and smoke may be formed during combustion.
Hazardous Polymerization	Will not occur.

SECTION VI • TOXICOLOGICAL PROPERTIES OF PRODUCT

A - SUGGESTED FIRST AID

Eyes	Obtain medical attention.
Skin	Wash with soap and water. If irritation persists, obtain medical assistance.
Inhalation	Remove to fresh air and obtain medical assistance.
Ingestion	Obtain medical attention. Do not induce vomiting.

B - TOXICOLOGICAL INFORMATION

PRIMARY ENTRY ROUTES: Inhalation, skin and eye contact.

• SHORT TERM EXPOSURE

Eyes	Moderate to severe irritation.
Skin	May cause skin irritation.
Inhalation	Irritation to respiratory tract.
Ingestion	Can be irritating to digestive tract. Nausea and vomiting may occur.

• LONG TERM EXPOSURE

Carcinogenicity	Not established.
Teratogenicity, Mutagenicity and other reproductive effects	Not established.
Skin Sensitization	Prolonged contact may cause skin abrasion.
Respiratory tract sensitization	May slightly be irritating to the respiratory tract.
Synergistic materials	Not established.

MATERIAL SAFETY DATA SHEET • MSDS



SECTION VII • PRECAUTIONARY INFORMATION PERSONAL PROTECTIVE MEASURES

Eyes, face & hands	Recommend standard face and eye protection at all times while using the product.
Respiratory protection	As needed, use approved dust respirator (OSHA CFR1910.134)
Ventilation	Do not use without adequate ventilation
Hearing	As needed in accordance with OSHA 1910-215.
HMIS Hazard Ratings	Health : 1 Flammability : 1 Reactivity : 0

SECTION VIII • SAFETY PRECAUTIONS IN CASE OF LEAKS OR SPILLS

Spill or leak procedure	Ventilate area of leak or spill. Small spill can be picked up with vermiculite or other absorbent, noncombustible material.
Waste disposal	Disposal should be in accordance with local, state, or national legislation. Incinerate under approved controlled conditions.

SECTION IX • STORAGE AND HANDLING

Storage	Store in cool, well ventilated dry area.
Handling	Avoid contact with skin and eyes.
Shipping classification	<ul style="list-style-type: none"> • 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. • ATA Class: Not regulated. • IMDG Class: Not regulated.
DOT hazard class	
HMIS Coding	Health: 1 Flammability: 1 Reactivity: 0

SECTION X • ECOLOGICAL INFORMATION

Environmental Fate and Distribution	This product is biodegradable.
Persistence and Degradation	Degradable.
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: None.
- Section 313: None.

RCRA STATUS: Not regulated.

• CANADIAN REGULATIONS:

WHMIS Classification: D2B, B3.

Anamet Inc. declines all warranties of description, merchantability or fitness for a particular purpose or any other warranties expressed or implied. All information contained in this data sheet result from figures supplied by the merchant and/or other recognized technical sources. Although this information is presumed to be complete and exact, Anamet Inc. does not guaranty any of the claims expressed or implied. Since the use of this product is not supervised by Anamet Inc., users are therefore responsible to verify if the product is designed for their particular application. They must also assume all risks associated with its use, manipulation and the elimination of the product as well as those arising from the publication, utilization or exactitude of the information contained in the present data sheet. This information pertains only of the product referred to in this specific data sheet and does not apply to its use in combination with other products or in any other process. In no event Anamet Inc. will be liable for incidental or consequential damages resulting from the use or misuse of this product.



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