



# Diamapro-Spartic Patch Part A

## SAFETY DATA SHEET

### SECTION 1 – IDENTIFICATION

MANUFACTURER: Diamapro Systems, Inc.      EMERGENCY PHONE:      1-800-424-9300  
ADDRESS: 4833 Sandy Porter Road      INFORMATION PHONE:      1-800-622-2048  
Charlotte, NC 28273      NAME OF PREPARER:      Safety Director

**PRODUCT NAME: Diamapro Diamapro-Spartic Patch Part A**

### SECTION 2 - HAZARDS IDENTIFICATION

This product is not classified as a hazardous substance according to the GHS (Globally Harmonized System). Other hazards There are no other hazards not otherwise classified that have been identified.

### SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Chemical Name	CAS No.	Concentration (% by Weight)
carbon black	1333-86-4	≤1%
titanium dioxide (dispersed in liquid)	13463-67-7	<10%
4'-methylenebis[N-sec-butylaniline]; acute Tox. 4, H302	5285-60-9 4	<5%;
precipitated silica (silica - amorphous)	7631-86-9	<5%
N-methyl-2-pyrrolidone; acute Tox. 3, H331; Repr. 1B, H360; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335; Flam. Liq. 4, H227	872-50-4	≤1%

Additional information: For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret. For the wording of the listed Hazard Statements refer to section 16. Non-classification as a carcinogen is based on non-respirable form of product.

### SECTION 4 - FIRST AID MEASURES

#### Contact with Eyes

Remove contact lenses if worn. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.



# Diamapro-Spartic Patch Part A

## SAFETY DATA SHEET

### **Contact with Skin**

Immediately wash with water and soap and rinse thoroughly. If skin irritation or rash occurs: Get medical advice/attention.

### **Inhalation**

Respiration of particulates is unlikely during normal usage. Supply fresh air; consult doctor in case of complaints.

### **Ingestion**

Rinse out mouth and then drink plenty of water. Do not induce vomiting; immediately call for medical help.

### **Most Important Symptoms and Effects, Both Acute and Delayed**

Gastric or intestinal disorders when ingested. Nausea in case of ingestion. Slight irritant effect on skin and mucous membranes. Slight irritant effect on eyes.

Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

## SECTION 5 - FIRE AND EXPLOSION HAZARD DATA

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### **Suitable Extinguishing Media**

Foam; water spray; fire-extinguishing powder; carbon dioxide; gaseous extinguishing agents

### **NOT Suitable**

Water stream.

### **Special Risks/Hazards Arising from the Substance or Mixture**

Formation of toxic gases is possible during heating or in case of fire.

### **Special Protective Equipment for Fire-Fighting**

Wear self-contained respiratory protective device. Wear fully protective suit.

### **Additional information**

Use large quantities of foam as it is partially destroyed by the product. Cool endangered product with water spray.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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### **Personal Precautions, Protective Equipment, and Emergency Procedures**

Use personal protective equipment as required. For large spills, use respiratory protective device against the effects of fumes/dust/aerosol. Ensure adequate ventilation.

### **Environmental Precautions**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

# Diamapro-Spartic Patch Part A

## SAFETY DATA SHEET

### Methods and Materials for Containment and Clean-up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Send for recovery or disposal in suitable receptacles.

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

## SECTION 7 - HANDLING AND STORAGE

### Precautions for Safe-Handling

Prevent formation of aerosols. Use only in well-ventilated areas. Avoid splashes or spray in enclosed areas. Keep out of reach of children.

**Information about protection against explosions and fires:** No special measures required.

### Conditions for Safe Storage

Avoid storage near extreme heat, ignition sources or open flame. Store away from foodstuffs. Store away from oxidizing agents. Keep containers tightly sealed.

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with limit values that require monitoring at the workplace:

<b>13463-67-7 (titanium dioxide)</b>	PEL (USA)	Long-term value: 15* mg/m3
	REL (USA)	See Pocket Guide App. A
	TLV (USA)	Long-term value: 10 mg/m3; withdrawn from NIC
	EL (Canada)	Long-term value: 10* 3** mg/m3; IARC 2B
	EV (Canada)	Long-term value*: 10 mg/m3
	LMPE (Mexico)	Long-term value: 10 mg/m3; A4

\*total dust

\*\*respirable fraction

<b>7631-86-9 (precipitated silica, silica - amorphous)</b>	NIOSH REL (USA)	Long-term value: 6 mg/m3
	OSHA PEL (USA)	Long-term value: 80 mg/m3

<b>872-50-4 (N-methyl-2-pyrrolidone)</b>	WEEL (USA)	Long-term value: 10 ppm, Skin
	EV (Canada)	Long-term value: 400 mg/m3

<b>1333-86-4 (carbon black)</b>	PEL (USA)	Long-term value: 3.5 mg/m3
	REL (USA)	Long-term value: 3.5* mg/m3; See Pocket Guide Apps. A+C
	TLV (USA)	Long-term value: 3** mg/m3
	EL (Canada)	Long-term value: 3 mg/m3; IARC 2B
	EV (Canada)	Long-term value: 3.5 mg/m3
	LMPE (Mexico)	Long-term value: 3** mg/m3; A3

\*0.1 in presence of PAHs \*\*inhalable fraction



# Diamapro-Spartic Patch Part A

## SAFETY DATA SHEET

### Ingredients with biological limit values

872-50-4 (N-methyl-2-pyrrolidone)2.39	BEI (USA)	100 mg/L Medium: urine Time: end of shift Parameter: 5-Hydroxy-N-methyl-2-pyrrolidone
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### Exposure controls

General protective and hygienic measures: The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin.

**Engineering controls:** No relevant information available.

**Breathing equipment:** Not required under normal conditions of use.

**Protection of hands:** Protective gloves; The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

**Eye protection:** Safety glasses; Follow relevant national guidelines concerning the use of protective eyewear.

**Body protection:** Protective work clothing

**Limitation and supervision of exposure into the environment:** No relevant information available.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	liquid, COLOR ACCORDING TO SPECIFICATION
Odor	Slight
Odor Threshold	no data available
pH	10-12
Melting/Freezing Point	no data available
Initial Boiling Point and Boiling Range	>200°C
Flash Point	>190°C
Evaporation Rate	no data available
Flammability	NOT APPLICABLE
Upper/Lower Flammability or Explosive Limits	Product does not present an explosion hazard
Auto-ignition Temperature	no data available
Vapor Pressure	<1.3 hPa (<1 mm Hg)
Vapor Density	no data available
Density	1.02 - 1.05 g/cm <sup>3</sup> (8.512 - 8.762 lbs/gal)
Relative Density/Specific Gravity	no data available
Solubility(ies)	FULLY MISCIBLE
Partition Coefficient: n-octanol/water	no data available
Decomposition Temperature	no data available
Viscosity	no data available
VOC (Volatile Organic Compounds)	<50 g/L



# Diamapro-Spartic Patch Part A

## SAFETY DATA SHEET

### SECTION 10 - STABILITY AND REACTIVITY DATA

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**Chemical Stability:** Stable under normal temperatures and pressures.

**Incompatible materials:** Strong acids. Oxidizers

**Conditions to be avoided:** Excessive heat.

**Reactivity:** No relevant information available.

**Thermal decomposition:** No decomposition if used and stored according to specifications.

**Possibility of hazardous reactions:** Reacts with strong acids and oxidizing agents. Reacts with diisocyanate resins. Toxic fumes may be released if heated above the decomposition point.

**Hazardous decomposition product:** under fire conditions only – Carbon monoxide. Carbon dioxide. Nitrogen oxides.

### SECTION 11 - TOXICOLOGICAL INFORMATION

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#### ACUTE TOXICITY

LD/LC50 values that are relevant for classification:

872-50-4 N-methyl-2-pyrrolidone:

- Oral LD50 4150 mg/kg (rat)
- Dermal LD50 >5000 mg/kg (rat)
- Inhalative LC50/4h >5.1 mg/l (rat)

#### Primary irritant effect:

- On the skin: Based on available data, the classification criteria are not met.
- On the eye: Based on available data, the classification criteria are not met.
- Sensitization: Sensitization possible through skin contact.

IARC (International Agency for Research on Cancer): 13463-67-7 titanium dioxide: 2B, 1333-86-4 carbon black: 2B

**NTP (National Toxicology Program):** None of the ingredients are listed.

**OSHA-Ca (Occupational Safety & Health Administration):** None of the ingredients are listed.

**Probable route(s) of exposure:** Ingestion. Eye contact. Skin contact.

**Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

**Carcinogenicity:** Based on available data, the classification criteria are not met. Contains known or suspect carcinogens when inhaled. Product is in non-inhalable form and is non-classifiable as a carcinogen.

**Reproductive toxicity:** Based on available data, the classification criteria are not met.

**STOT-single exposure:** Based on available data, the classification criteria are not met.

**STOT-repeated exposure:** Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.



# Diamapro-Spartic Patch Part A

## SAFETY DATA SHEET

### SECTION 12 - ECOLOGICAL INFORMATION

**Aquatic toxicity** No relevant information available.

**Persistence and degradability** No relevant information available.

**Bioaccumulative potential:** No relevant information available.

**Mobility in soil:** No relevant information available.

**General notes:** Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**Results of PBT and vPvB Assessment:** PBT: Not applicable. vPvB: Not applicable.

**Other adverse effects:** No relevant information available.

### SECTION 13 - DISPOSAL CONSIDERATIONS

Waste should be disposed of according to local, state, and federal regulations. Chemical residues are generally classified as special waste, and as such are covered by regulations which vary according to location. Contact your local waste disposal authority for advice or pass to a chemical disposal company. Dispose of containers with care.

### SECTION 14 - TRANSPORT INFORMATION

	UN Number	UN Proper Shipping Name	Transport Hazard Class(es)	Packing Group	Environmental Hazards
<b>DOT</b>	NOT REGULATED	NOT REGULATED	NOT REGULATED	NOT REGULATED	NOT REGULATED
<b>IMO/IMDG</b>	NOT REGULATED	NOT REGULATED	NOT REGULATED	NOT REGULATED	NOT REGULATED
<b>IATA/CAO</b>	NOT REGULATED	NOT REGULATED	NOT REGULATED	NOT REGULATED	NOT REGULATED

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code.



# Diamapro-Spartic Patch Part A

## SAFETY DATA SHEET

### SECTION 15 - REGULATORY INFORMATION

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Safety, health and environmental regulations/legislation specific for the substance or mixture

#### **United States (USA)**

##### SARA

Section 302 (extremely hazardous substances): None of the ingredients are listed.

Section 355 (extremely hazardous substances): None of the ingredients are listed.

Section 313 (Specific toxic chemical listings): 872-50-4 N-methyl-2-pyrrolidone

TSCA (Toxic Substances Control Act) All ingredients are listed.

Proposition 65 (California) Chemicals known to cause cancer: Reference to chemical component(s) listed below are based on unbound respirable particles and are not generally applicable to product as supplied: 13463-67-7 titanium dioxide; 1333-86-4 carbon black.

Chemicals known to cause reproductive toxicity for females: None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males: None of the ingredients are listed.

Chemicals known to cause developmental toxicity: 872-50-4 N-methyl-2-pyrrolidone

#### **Carcinogenic categories**

EPA (Environmental Protection Agency): None of the ingredients are listed.

IARC (International Agency for Research on Cancer): 13463-67-7 titanium dioxide 2B; 1333-86-4 carbon black 2B  
NIOSH-Ca (National Institute for Occupational Safety and Health): 13463-67-7 titanium dioxide; 1333-86-4 carbon black

Canadian Domestic Substances List (DSL): All ingredients are listed.

IARC (International Agency for Research on Cancer): None of the ingredients are listed.

NIOSH-Ca (National Institute for Occupational Safety and Health): None of the ingredients are listed.

Canadian Domestic Substances List (DSL): All ingredients are listed.



# Diamapro-Spartic Patch Part A

## SAFETY DATA SHEET

### SECTION 16 - OTHER INFORMATION

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Personal Protection: Safety goggles, neoprene rubber gloves, vapor respirator

Revision Date: 10/3/2025

By: Scott Thome

The information herein is based on data considered to be accurate. However, no warranty is expressed or implied regarding the accuracy of these data or results. Also this shall not establish a legally valid contractual relationship.

Vendor assumes no responsibility for injury to vendee or third person proximately caused if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in use of the material.

Our products are intended for sale to industrial and commercial customers. We encourage customers to inspect and test our products before use and to satisfy themselves as to suitability for their specific applications.

Warranty: The manufacturer warrants that products sold comply with specifications as represented and will perform satisfactorily if used according to the directions, or the manufacturer will refund or replace any unused portion thereof, for a period of one year from the date of manufacture. The manufacturer does not make any other warranty, or assume responsibility of any kind, expressed or implied regarding the effect or result of the products use; and assumes no responsibility of injury to vendee or third parties proximately caused by the material if reasonable safety procedures are not adhered to.