

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

MANUFACTURER: DiamaPro Systems, Inc.
 ADDRESS : 325 West Front Street
 Erie, PA 16507

EMERGENCY PHONE: 1-800-424-9300
 INFORMATION PHONE: 1-800-622-2048
 NAME OF PREPARER: Safety Director

PRODUCT NAME: DiamaPro Diama-Joint 2.0 B Poly
PRODUCT CODE: DPDJ2.0B

SECTION 2 - HAZARDS IDENTIFICATION

Classification of the substance or mixture:



GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.
 STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.



GHS09 Environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.
 Eye Irrit. 2A H319 Causes serious eye irritation.
 Skin Sens. 1 H317 May cause an allergic skin reaction.

Aquatic Acute 2 H401 Toxic to aquatic life.

Label elements:

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms:



GHS07



GHS08



GHS09

· **Signal word:** Warning

· Hazard-determining components of labeling:

Ethylenediamine, ethoxylated and propoxylated

Titanium Dioxide
 diethylmethylbenzenediamine

Hazard statements:

H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H317 May cause an allergic skin reaction.
 H351 Suspected of causing cancer.
 H373 May cause damage to organs through prolonged or repeated exposure.
 H401 Toxic to aquatic life.
 H411 Toxic to aquatic life with long lasting effects.

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Precautionary statements:

- P260 Do not breathe dust/fume/gas/mist/vapors/spray.
- P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
- P280 Wear protective gloves.
- P280 Wear eye protection / face protection.
- P273 Avoid release to the environment.
- P264 Wash thoroughly after handling.
- P272 Contaminated work clothing must not be allowed out of the workplace.
- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P321 Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).
- P363 Wash contaminated clothing before reuse.
- P308+P313 IF exposed or concerned: Get medical advice/attention.
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P314 Get medical advice/attention if you feel unwell.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P391 Collect spillage.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Unknown acute toxicity:

68.9 % of the mixture consists of component(s) of unknown toxicity.

Classification system:

NFPA ratings (scale 0 - 4)

- Health = 1
- Fire = 1
- Reactivity = 0

HMIS-ratings (scale 0 - 4)

- Health = 1
- Fire = 1
- Reactivity = 0

Hazard(s) not otherwise classified (HNOC): None known

===== SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS =====

Non-hazardous components:

CAS: 25265-71-8 Dipropylene glycol 3-6%
 RTECS: UB8765000

Chemical characterization: Mixtures

Description: Mixture: consisting of the following components.

Dangerous Components:

CAS: 9082-00-2	Glycerol, propylene oxide, ethylene oxide polymer Eye Irrit. 2B, H320	60-80%
CAS: 26316-40-5	Ethylenediamine, ethoxylated and propoxylated Eye Irrit. 2A, H319; Skin Sens. 1, H317	30-40%
CAS: 8001-79-4 R09I90TECS: FI 4100000	Castor oil Skin Irrit. 2, H315; Eye Irrit. 2B, H320	5-10%
CAS: 13463-67-7	Titanium Dioxide Carc. 2, H351; Acute Tox. 4, H332	1-5%
CAS: 1318-02-1	Zeolite (Crystalline Aluminosilicate) Eye Irrit. 2A, H319; STOT SE 3, H335	3-4%
CAS: 68479-98-1	Diethylmethylbenzenediamine STOT RE 2, H373; d~□ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302; Acute Tox. 4, H312; Eye Irrit. 2A, H319	1-5%

===== SECTION 4 - FIRST AID MEASURES =====

Description of first aid measures

General information:

Symptoms of poisoning may occur after exposure to dust, fumes or particulates; seek medical attention if feeling unwell.

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After inhalation:

Supply fresh air. If required, provide artificial respiration. Consult doctor if symptoms persist.
In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.
If skin irritation occurs, consult a doctor.

After eye contact:

Rinse opened eye for at least 15 minutes under running water. If symptoms persist, consult a doctor.

After swallowing: Drink copious amounts of water and provide fresh air. Immediately call a doctor.

Information for doctor:**Most important symptoms and effects, both acute and delayed:**

No further relevant information available.

Indication of any immediate medical attention and special treatment needed:

No further relevant information available.

===== SECTION 5 - FIRE AND EXPLOSION HAZARD DATA =====

Extinguishing media:**Suitable extinguishing agents:**

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special hazards arising from the substance or mixture: No further relevant information available.

Advice for firefighters:**Protective equipment:**

As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

===== SECTION 6 - ACCIDENTAL RELEASE MEASURES =====

Personal precautions, protective equipment and emergency procedures:

Do not inhale gases / fumes /aerosols

Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.

Dilute with plenty of water.

Do not allow to enter sewers/surface or ground water.

Methods and material for containment and cleaning up:

Ensure adequate ventilation.

Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

Reference to other sections:

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 =====

Handling**Precautions for safe handling:**

Avoid contact with skin, eyes and clothing

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

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

Conditions for safe storage, including any incompatibilities:**Storage**

Requirements to be met by storerooms and receptacles: Store in a cool, dry place.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Keep receptacle tightly sealed.

Specific end use(s): No further relevant information available.

===== SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION =====

Additional information about design of technical systems: No further data; see section 7.

Control parameters:**Components with occupational exposure limits:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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Additional information: The lists that were valid during the creation of this SDS were used as basis.

Exposure controls:

Personal protective equipment:

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 and wash before reuse.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Breathing equipment:

NIOSH/OSHA or EN approved respiratory protection is recommended for use in airborne concentrations exceeding exposure limits.

Protection of hands:

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/the chemical mixture.

Select glove material based on penetration times, rates of diffusion and degradation.

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material:

The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.

Eye protection:

Tightly sealed goggles

===== SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES =====

Information on basic physical and chemical properties

General Information

Appearance:

Form:	Liquid
Color:	Gray
Odor:	Odorless
Odor threshold:	Not determined.

pH-value: Alkaline

Change in condition

Melting point/Melting range:	Not determined.
Boiling point/Boiling range:	101 °C (214 °F)
Flash point:	183 °C (361 °F)
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	305 °C (581 °F)
Decomposition temperature:	Not determined.
Auto igniting:	Product is not self-igniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapor pressure @ 20 °C (68 °F):	1 hPa (1 mm Hg)
Density @ 20 °C (68 °F):	1.08 g/cm ³ (9.013 lbs/gal)
Relative density:	Not determined.
Vapor density:	Not determined.
Evaporation rate:	Not determined.
Solubility in / Miscibility with:	
Water:	Fully miscible.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Solvent content:	
Organic solvents:	0.0 %
Solids content:	43.1 %
Other information:	No further relevant information available.

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===== SECTION 10 - STABILITY AND REACTIVITY DATA =====

Reactivity: No further relevant information available.
Chemical stability: Stable under normal conditions.
Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
Possibility of hazardous reactions: No dangerous reactions known.
Conditions to avoid: No further relevant information available.
Incompatible materials: No further relevant information available.
Hazardous decomposition products: No further relevant information available.

===== SECTION 11 - TOXICOLOGICAL INFORMATION =====

Information on toxicological effects:

Acute toxicity:

LD/LC50 values that are relevant for classification:

26316-40-5 Ethylenediamine, ethoxylated and propoxylated

Oral	LD50	>5.000 mg/kg (rat)
Dermal	LD50	<5.000 mg/kg (rabbit)

8001-79-4 Castor oil

Oral	LD50	>4952 mg/kg (rat)
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13463-67-7 Titanium Dioxide

Oral	LD50	>10000 mg/kg (rat)
Dermal	LD50	>10000 mg/kg (rabbit)
Inhalative	LC50/4 h	>6.82 mg/l (rat)

1318-02-1 Zeolite (Crystalline Aluminosilicate)

Oral	LD50	>10.000 mg/kg (rat)
Dermal	LD50	>2.000 mg/kg (rabbit)

68479-98-1 diethylmethylenediamine

Oral	LD50	738 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)

Primary irritant effect:

On the skin:

Irritant to skin and mucous membranes.
 May cause an allergic skin reaction.

On the eye: Irritating effect.

Sensitization: Sensitization possible through skin contact.

Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:
 Harmful
 Irritant

Carcinogenic categories:

IARC (International Agency for Research on Cancer):

(a) Although IARC has classified titanium dioxide as possible carcinogenic to human (2B), their summary concludes: "No significant exposure to titanium dioxide is thought to occur during the use of products which titanium dioxide is bound to other materials, such as in cosmetics or in paints." (b) OSHA does not regulate Titanium Dioxide as a carcinogen.

However, under 29 CFR 1910.1200 the SDS

must convey the fact that Titanium Dioxide is a potential carcinogen to rats.

13463-67-7	Titanium Dioxide	2B	
1318-02-1	Zeolite (Crystalline Aluminosilicate)	3	
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.

===== SECTION 12 - ECOLOGICAL INFORMATION =====

Toxicity:

Aquatic toxicity:

Avoid release into the environment. Runoff from fire control or dilution water may cause pollution.

13463-67-7 Titanium Dioxide

EC50 >1000 mg/l (Water flea)

Persistence and degradability: No further relevant information available.

SAFETY DATA SHEET**Behavior in environmental systems:****Bioaccumulative potential:** No further relevant information available.**Mobility in soil:** No further relevant information available.**Ecotoxicological effects:****Remark:** Toxic for fish**Additional ecological information:****General notes:**

Do not allow undiluted product or product that has not been neutralized to reach ground water, water course or sewage system.

Poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

Results of PBT and vPvB assessment:**PBT:** Not applicable.**vPvB:** Not applicable.**Other adverse effects:** No further relevant information available.===== **SECTION 13 - DISPOSAL CONSIDERATIONS** =====**Waste treatment methods:****Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Observe all federal, state and local environmental regulations when disposing of this material.

Uncleaned packagings**Recommendation:** Disposal must be made according to official regulations.**Recommended cleansing agent:** Water, if necessary with cleansing agents.===== **SECTION 14 - TRANSPORT INFORMATION** =====**UN-Number:****DOT** Non-Regulated Material
ADR, IMDG, IATA UN3082**UN proper shipping name:****DOT** Non-Regulated Material
ADR UN3082 Environmentally hazardous substances, liquid, n.o.s.
(diethylmethylbenzenediamine)**IMDG** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(diethylmethylbenzenediamine), MARINE POLLUTANT**IATA** Environmentally hazardous substance, liquid, n.o.s.
(diethylmethylbenzenediamine)**Transport hazard class(es):****DOT**
Class: Non-Regulated Material
ADR**Class:** 9 (M6) Miscellaneous dangerous substances and articles
Label: 9
IMDG, IATA**Class:** 9 Miscellaneous dangerous substances and articles
Label: 9**Packing group:****DOT** Non-Regulated Material
ADR, IMDG, IATA III**Environmental hazards:**Product contains environmentally hazardous substances:
diethylmethylbenzenediamine**Special marking (ADR):** Symbol (fish and tree)**Special marking (IATA):** Symbol (fish and tree)**Special precautions for user:** Warning: Miscellaneous dangerous substances and articles**Danger code (Kemler):** 90**EMS Number:** F-A,S-F**Stowage Category** A**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**

Not applicable.

Transport/Additional information:

SAFETY DATA SHEET**ADR****Excepted quantities (EQ):**

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

IMDG**Limited quantities (LQ):**

5L

Excepted quantities (EQ):

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

UN "Model Regulation":UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.
(DIETHYLMETHYLBENZENEDIAMINE), 9, III

===== SECTION 15 - REGULATORY INFORMATION =====

· Safety, health and environmental regulations/legislation specific for the substance or mixture:**SARA (Superfund Amendments and Reauthorization):****Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

Section 313 (Specific toxic chemical listings):

None of the ingredients are listed.

TSCA (Toxic Substances Control Act):

9082-00-2 Glycerol, propylene oxide, ethylene oxide polymer

26316-40-5 Ethylenediamine, ethoxylated and propoxylated

8001-79-4 Castor oil

13463-67-7 Titanium Dioxide

25265-71-8 Dipropylene glycol

68479-98-1 diethylmethylbenzenediamine

280-57-9 Triethylendiamin

1333-86-4 Carbon black

California Proposition 65:**Chemicals known to cause cancer:**

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:

None of the ingredients are listed.

New Jersey Right-to-Know List:

13463-67-7 Titanium Dioxide

1333-86-4 Carbon black

New Jersey Special Hazardous Substance List:

1333-86-4 Carbon black CA

Pennsylvania Special Hazardous Substance List:

None of the ingredients are listed.

Carcinogenic categories:**EPA (Environmental Protection Agency):**

None of the ingredients are listed.

TLV (Threshold Limit Value established by ACGIH):

13463-67-7 Titanium Dioxide A4

1333-86-4 Carbon black A4

NIOSH-Ca (National Institute for Occupational Safety and Health):

13463-67-7 Titanium Dioxide

1333-86-4 Carbon black

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms:

GHS07



GHS08



GHS09

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Signal word: Warning

Hazard-determining components of labeling:

Ethylenediamine, ethoxylated and propoxylated

Titanium Dioxide

diethylmethylbenzenediamine

Hazard statements:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H351 Suspected of causing cancer.

H373 May cause damage to organs through prolonged or repeated exposure.

H401 Toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P280 Wear protective gloves.

P280 Wear eye protection / face protection.

P273 Avoid release to the environment.

P264 Wash thoroughly after handling.

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321 Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).

P363 Wash contaminated clothing before reuse.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P314 Get medical advice/attention if you feel unwell.

P302+P352 IF ON SKIN: Wash with plenty of water.

P391 Collect spillage.

P362+P364 Take off contaminated clothing and wash it before reuse.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

National regulations:

The product is subject to be classified according with the latest version of the regulations on hazardous substances.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

===== SECTION 16 - OTHER INFORMATION =====

Abbreviations and acronyms:

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road

ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

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REL: Recommended Exposure Limit

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A

Eye Irrit. 2B: Serious eye damage/eye irritation, Hazard Category 2B

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

Carc. 2: Carcinogenicity, Hazard Category 2

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2

Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1

Aquatic Acute 2: Hazardous to the aquatic environment - AcuteHazard, Category 2

Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

Prepared By: S. Thome

Revision Date: 4/4/2025

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.