

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

1. Product Identifiers

Product Name Methacrylate-coated Multi-Well Glass Plates
Catalog No D16110025294, D16110025295, D16110025296,
D16110025348, D16110025349, D16110025350

Brand Name BIONOVA X Specialty Multi-Well Adhesive Plates
CAS No. 2530-85-0

2. Relevant identified uses of the substance or mixture and uses advised against

Identified Uses Treated Laboratory Consumable

3. Details of the supplier of the safety data sheet

Company Advanced BioMatrix, Inc.
5930 Sea Lion Place
Carlsbad, CA 92010 USA
Phone: 1-800-883-8220
1-760-929-0755 outside USA
Fax 1-510-217-3452

4. Emergency telephone number

Emergency Phone No. 1-800-883-8220

SECTION 2 – HAZARDS IDENTIFICATION

1. Classification of the substance or mixture

Coated and thereby contains traces of a flammable liquid. (Category 4), H227

2. GHS Label elements, including precautionary statements

Pictogram: N/A

Signal Word: Warning

Hazard statement(s) H227 Contains traces of combustible liquid.

Precautionary statement(s)

P210 Keep away from heat, sparks, open flames and hot plates. No smoking.

P280 Wear protective gloves

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

P403 + P235 Store in a cool, well-ventilated place.

ADVANCED BIOMATRIX

A BICO COMPANY

3. Hazards not otherwise classified (HNOC) or not covered by GHS – None

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

1. Substances

CAS No.	2530-85-0
EC No.	219-785-8

Coated and thereby contains traces of a flammable liquid. (Category 4), H227

SECTION 4 – FIRST AID MEASURES

1. Eye Contact

Flush eyes with water as a precaution.

2. Skin Contact

Wash off with soap and plenty of water.

3. Inhalation

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

4. Ingestion

Never give anything by mouth to an unconscious person. Rinse mouth with water.

5. Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

6. Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5 – FIREFIGHTING MEASURES

1. Extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

2. Special hazards arising from the substance or mixture

Avoid heating. Coating, in solution, forms explosive mixtures with air on intense heating. Development of hazardous combustion gases or vapors possible in the event of fire.

3. Advice for firefighters

Wear self-contained breathing apparatus.

4. Further Information

No data available

SECTION 6 – ACCIDENTAL RELEASE MEASURES

- 1. Personal precautions, protective equipment and emergency procedures**
For personal protection see section 8.
- 2. Environmental precautions**
None.
- 3. Methods and materials for containment and cleaning up**
Keep in suitable, closed containers for disposal.
- 4. Reference to other sections**
For disposal see section 13.

SECTION 7 – HANDLING AND STORAGE

- 1. Precautions for safe handling**
Provide appropriate exhaust ventilation in places where dust is formed. For precaution see section 2.2
- 2. Conditions for safe storage, including any incompatibilities**
Keep plates sealed and covered in a well-ventilated place. Keep away from hot surfaces and sources of ignition.
Storage class (TRGS 510): Contains traces of combustible liquids.
Recommended storage temperature: room temperature.
- 3. Specific end use(s)**
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

- 1. Workplace control parameters**
Contains no substances with occupational exposure limit values.
- 2. Exposure controls**
 - Appropriate engineering controls**
General industrial hygiene practice.
 - Personal protective equipment**
 - Eye/Face protection**
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).
 - Skin protection**

ADVANCED BIOMATRIX

A BICO COMPANY

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product. Dispose of the contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection

Choose body protection in relations to its type, to the concentration and amount of dangerous substances, and to the specific work place. The type of protective equipment must be selected according to the concentration and the amount of the dangerous substance at the specific work place.

Respiratory protection

Respiratory protection is not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid
Odor	Ester-like
Odor threshold	No data available
pH	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability	No data available
Upper/lower flammability	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available
Water solubility	Insoluble
Partition coefficient: n- octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	None

SECTION 10 – STABILITY AND REACTIVITY

Reactivity	No data available
Chemical stability	Stable under recommend storage conditions
Possibility of hazardous reactions	Possible reactions with bases, peroxides, metallic salts, oxidizing agents
Conditions to avoid	Heat. Strong heating.
Incompatible material	Strong oxidizing agents
Hazardous decomposition products	Hazardous decomposition products formed under fire conditions. -

****In the event of fire: see section 5.****

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity	LD50 Oral - Rat - > 2000 mg/kg
Inhalation	LC50 Inhalation – Rat - > 2.28 mg/l
Dermal	LD50 Dermal – Rat - > 2000 mg/kg
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	Eye – Rabbit Result: No eye irritation.
Respiratory or skin sensitization	Does not cause skin sensitization.
Germ cell mutagenicity	Negative.
Carcinogenicity	
IARC	No components of this product present at levels greater than or equal to 0.1% is identified as known or anticipate carcinogen by IARC.
NTP	No components of this product present at levels greater than or equal to 0.1% is identified as known or anticipate carcinogen by NTP.
OSHA	No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive toxicity	No data available
Specific target organ toxicity	
Single exposure	No data available
Repeated exposure	No data available

ADVANCED BIOMATRIX

A BICO COMPANY

Aspiration hazard	No data available
Additional information RTECS	No data available

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

SECTION 12 – ECOLOGICAL INFORMATION

Toxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.
Other adverse effect	No data available

SECTION 13 – DISPOSAL CONSIDERATIONS

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

SECTION 14 – TRANSPORT INFORMATION

ADR	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

SECTION 15 – REGULATORY INFORMATION

SARA 302 Components	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 Components	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting

SARA 311/312 Hazards

Massachusetts Right To Know Components

California Prop. 65 Components

levels established by SARA Title III,
Section 313.

Contains traces of chemical that is a
Fire Hazard, Chronic Health Hazard

No components are subject to the
Massachusetts Right to Know Act
This product does not contain any
chemicals known to the State of
California to cause cancer, birth
defects, or other reproductive harm

SECTION 16 – OTHER INFORMATION

HMIS Rating

Health hazard	1
Chronic Health Hazard	0
Flammability	0
Physical Hazard	0

NFPA Rating

Health hazard	0
Fire Hazard	0
Reactivity Hazard	0

Further information:

This information has been prepared by Advanced BioMatrix, Inc. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Advanced BioMatrix, Inc. and its Affiliates shall not be held liable for any damages resulting from handling or from contact with the above product. See www.advancedbiomatrix.com for additional terms and conditions of sale.

Preparation Information:

Advanced BioMatrix, Inc.
1-800-883-8220