



MATERIAL SAFETY DATA SHEET

Section 1: Chemical Product and Company Identification

Product Name: Rapid SARS-CoV-2 Antigen Test Card Catalog Number: / CAS#: None	Contact Information: Xiamen Boson Biotech Co., Ltd. 90-94 Tianfeng Road, Jimei North Industrial Park, Xiamen, Fujian 361021, P.R.China. Tel: 86-592-3965101 Fax: 86-592-3965155
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Section 2: Composition and Information on Ingredients

Component	Chemical and Common Name
Striped Membrane	Cellulose Nitrate, (Collodion) Pyroxylin, Proxylin Plastics
Conjugate Pad	Borosilicate Glass Fiber with PVA Binder
Multiple Monoclonal Antibody Conjugate for Membrane	Mouse anti-SARS-CoV-2 antibodies
Antibody/Gold Conjugate	Colloidal Gold-anti-SARS-CoV-2 antibodies Conjugate

Section 3: Hazards Identification

Primary Route of Entry: Skin absorption Health Harzard: Acute: Maybe harmful if ingested or absorbed through skin. Chronic: Unknown

Section 4: First Aid Measures

Skin Contact: Wash skin with water. Ingestion: Wash mouth with water. If irritation or discomfort occurs, seek medical attention.
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Section 5: Fire and Explosion Data

	Flashing point	Unusual Fire & Explosion Hazards
Strip Membrane	200°C	None Known

Cellulose Nitrate membranes are classified as a flammable solid and burn rapidly with intense heat. Extinguish media: Burning membrane can be extinguished by use of water, dry chemical or CO2 type extinguishers. Water is the most effective. Care must be taken not to have the force of the extinguisher cause membrane to scatter.

Section 6: Accidental Release Measures

If spill occurs: wear a respirator, chemical safety goggles, rubber boots, and heavy rubber gloves. Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill spite after material pickup is complete.
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Section 7: Handling and Storage

Store at room temperature, desiccated to maintain efficacy. Handle using normal laboratory procedures and protective gloves required.

Section 8: Exposure Controls/Personal Protection

Safety shower and Eye bath. Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Compatible chemical-resistant gloves.

Section 9: Physical and Chemical Properties

Appearance and Odor: Solid.

Section 10: Stability and Reactivity Data

Stability: Stable

Incompatibilities: Nitrocellulose membrane will dissolve in amines esters, ketones and ether-alcohols and may react with strong acids or alkalis. Decomposition is rapid at 170°C in air.

Hazardous Polymerization:

Direct sunlight has a moderate effect on the polymerization of nitrocellulose membrane. Over many years cellulose nitrate will polymerize as evidenced by becoming brown. Increased polymerization reduces the flash point. The product containing nitrocellulose membrane should be stored at room temperature out of direct sunlight and away from excessive heat, fire or flame.

Section 11: Toxicological Information

Acute: Maybe harmful if ingested or absorbed through skin.

Chronic: Unknown

Section 12: Ecological Information

Data not yet available.

Section 13: Disposal Considerations

Comply with federal, state and local regulations.

Section 14: Transport Information

The product is not classified as dangerous for transport according to International Regulations. The product is primarily a mixture of striped membrane, conjugate pad, antigen conjugate for membrane and colloidal gold-antigen conjugate and is not classified as explosive, oxidizing, toxic, infectious, radioactive, corrosive or magnetic. According to IATA and IMDG code, it is proved not to be dangerous for air and sea transport.

Section 15: Other Regulatory Information

European Information: Caution: Substance not yet fully tested. Irritant R 36/37/38.

Irritating to eyes, respiratory system, and skin. S 26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S 36

Wear suitable protective clothing.



Section 16: Other Information

Created: 2020-09-21

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