



BioFX is now part of SurModics

MATERIAL SAFETY DATA SHEET

SECTION 1 - Product and Company Information

Product Name: TMB Super Sensitive One Component HRP Microwell Substrate
Product Number: TMBS
Company: BioFX Laboratories, Inc.
Address: 10715 Red Run Blvd
Suite 114
Owings Mills, MD 21117
Phone: 800.445.6447
Fax: 410.902.0551

SECTION 2 – Chemical Identification

CAS No.: Not applicable
Chemical Formula: Not applicable to mixtures
Trade secret formulation

SECTION 3 – Hazards Identification

This product contains a non-carcinogenic analog of Benzedine, mild oxidizing agent. The toxicological properties have not been thoroughly investigated.

SECTION 4 – Physical Characteristics

Form: Solution
Color: Clear to light yellow
Boiling Point: No data available
Vapor pressure (mm Hg): No data available
Vapor density: No data available
Solubility in water: Aqueous
Specific gravity: 1.010 (H₂O=1.0)
% Volatile by volume: Not applicable
Flammable Limits: Not applicable
Flash point: Not applicable
Evaporation rate: No data available

SECTION 5 – Storage, Handling and Stability

Store TMB Super Sensitive One Component HRP Microwell Substrate at 2°C - 8°C. Protect from direct UV light and avoid elevated temperatures. Hazardous polymerization will not occur. Avoid contact with strong oxidizing agents and metals. Keep lid closed tightly. Decomposition may lead to carbon monoxide, carbon dioxide and nitrogen oxide.

SECTION 6 – Safety Control Measures

Rubber or vinyl gloves, safety glasses/goggles, cotton filter mask, laboratory apron and local exhaust are recommended. Safe laboratory practices should be followed.

SECTION 7 – Health Hazard Data

Avoid contact with skin and ingestion. Health hazards and signs and symptoms of exposure are not known at this time.

SECTION 8 – First Aid Measures

Remove contaminated clothing and shoes, and wash before reuse.

Skin:	Wash skin thoroughly with soap and water.
Eyes:	Flush with copious amounts of water or eyewash saline for at least 15 minutes.
Ingestion:	Induce vomiting and seek medical attention.
Inhalation:	Remove to fresh air. If not breathing, administer CPR. If breathing is difficult, give oxygen. If discomfort persists, seek medical attention.

SECTION 9 – Fire/Explosion Hazard Data

This product is neither a fire hazard nor an explosion hazard. Use any means suitable for extinguishing surrounding fire. It is not necessary to use any special firefighting procedures. Water spray, carbon dioxide, dry chemical powder or appropriate foam can all be used.

SECTION 10 – Accidental Release Measures

Cover released or spilled material with absorbent. Dispose of with copious amounts of water in accordance with all national, state, and local regulations.

SECTION 11 – Additional Information

The above information is believed to be correct and may not be all conclusive; however, it should only be used as a guide. BioFX Laboratories, Inc. shall not be held liable for any damage resulting from handling or contact with this above product.

These products are for research and manufacturing use only and are not intended for use in humans, therapeutic or diagnostic purposes. Sales are without any seller's warranty or representation, expressed or implied, by usage or otherwise; no claims beyond replacement of unacceptable material or refund of purchase price shall be allowed. All claims must be made within 30 days following date of delivery.