



the smart way to measure time & temperature

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# Material Safety Data Sheet

## Timestrip®PLUS, 10 °C Button On Back

### TP-176

The MSDS provided is due to a customer request. This product should not present a health and safety hazard when operated as recommended. According to OSHA Hazard Communication Standard (29 CFR 1910.1200) this product is defined as an article and would be exempt from the requirements of the Standard for a MSDS.

#### SECTION 1 : PRODUCT AND COMPANY IDENTIFICATION

Product Name: imestrip®PLUS, 10 °C BOB TP-176  
Product Use: Elapsed time indicator for use at a specific temperature.  
Manufacturer: Timestrip Technical Services Ltd  
Address: Timestrip UK Limited, Trinity House, Cambridge Business Park, Cambridge, CB4 0WZ, United Kingdom  
Phone:+44 1223 926075

#### SECTION 2 : INGREDIENTS

Ingredients	C.A.S. No.	% by Wt
PET Laminate (print cover) *	Unknown	5 - 6
Polymeric assembly layers	Unknown	33 - 37
Aluminum-plastic-laminate**	Unknown	24 - 26
Fatty Acid Esters***	Unknown	19 - 10
Blue dye****	Unknown	0.1- 0.05
Heat-sealing Polymer	Unknown	0.1 - 1
Graphic ink and lacquer*****	Unknown	0.1 - 1
Adhesive tape + liner*****	Unknown	20 - 22

\* Top Outer Layer.

\*\* Metallic bottom side. Complies with EU Directive 2002/72/EC incl. amendments and American FDA, Code of Federal Regulations 21CFR § 177.1520.

\*\*\* Listed in the Food Chemicals Codex and/or approved by the Food and Drug Administration (FDA) under Title 21, and/or considered generally recognized as safe (GRAS)

\*\*\*\* Maximum weight is < 0.5 mg.

\*\*\*\*\* Conforms with F&DA for indirect food contact. Covered by PET Laminate (\*).

\*\*\*\*\* Bottom Outer Layer: PE double sided Foam tape + paper release liner. Conforms to European Directive 2000/53 EC.

#### SECTION 3 : HAZARDS IDENTIFICATION

Particular indications of danger to humans and environment: none

There are no known health hazards associated with this product.

#### SECTION 4 : FIRST AID MEASURES

(only necessary when handled without care)

First Aid Procedures:

Eye Contact: This product is an inert solid substance. Should some of it get into the eyes, remove as with a foreign body.

Skin Contact: No need for first aid is anticipated.

Inhalation: No need for first aid is anticipated.

If Swallowed: To avoid irritation, get medical advice.

In case of accidental liquid leakage from encapsulating button:

Eye Contact: Rinse thoroughly with plenty of water for at least 15 minute and consult a physician.

Skin Contact: Wash off with soap and plenty of water. Consult a physician.

Inhalation: If breathed in, move person into fresh air. Consult a physician.

If Swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

#### SECTION 5 : FIRE FIGHTING MEASURES

Flammable Limits

Auto-ignition temperature Not Applicable

Flash Point Not Applicable

Flammable Limits - LEL Not Applicable

Flammable Limits - UEL Not Applicable

Suitable Extinguishing Media

Ordinary combustible material. Use fire extinguishers with Water Spray, Foam, Powder, Carbon dioxide.

Fire Fighters Protection

Special Fire Fighting Procedures: If necessary wear full protective gear and use air-bottled or



air-circulating apparatus for fire fighters.

Unusual Fire and Explosion Hazards: No unusual fire or explosion hazards are anticipated.

Burning may release: Carbon dioxide, carbon monoxide, irritating and toxic fumes.

#### SECTION 6 : ACCIDENTAL RELEASE MEASURES

In case of accidental liquid leakage from encapsulating blister: wipe with absorbent material (paper tissue, cleaning sponge, etc.). Clean residues with soap and water.

#### SECTION 7 : HANDLING AND STORAGE

Handling Under normal conditions this product does not release or otherwise result in exposure to a hazardous chemical. Avoid overheating of the product.

Storage Take precautionary measures to avoid fire hazards. Store in normal room conditions without direct exposure to sunlight.

#### SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

Not Applicable

#### SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Form: Solid. Aluminium-polymeric laminate encapsulating liquid dye indicator.

Odor: Odorless

Colour: Not Applicable

Boiling point: Not Applicable

Vapor Density: Not Applicable

Specific Gravity: Not Applicable

pH: Not Applicable

Melting point: Not Applicable

Solubility in Water: Insoluble

Density: Not Applicable

Percent volatile: Not Applicable

Vapor Pressure: Not Applicable

Evaporation rate: Not Applicable

#### SECTION 10 : STABILITY AND REACTIVITY

Stability: Stable

Materials to Avoid: Fluorine-Oxygen mixtures, strong oxidants, acids, alkaline solutions.

Conditions to Avoid: Overheating to temperatures above 70 °C should be avoided.

Hazardous Polymerization: Hazardous polymerization will

not occur.

Hazardous Decomposition or By-Products: Under recommended usage conditions, hazardous decomposition by-products are not expected.

Hazardous decomposition products may occur as a result of overheating (See section 5).

#### SECTION 11 : TOXICOLOGICAL INFORMATION

For Toxicological Information for this product's components please contact the address listed under section 1.

#### SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicological Information

The product is not water soluble and not biodegradable.

#### SECTION 13 : DISPOSAL CONSIDERATIONS

Waste Disposal Method: Should be treated as household or incineration waste in accordance with local regulations.

#### SECTION 14 : TRANSPORT INFORMATION

Non-regulated commodity, it is not considered a hazardous material. Special labeling is not necessary.

#### SECTION 15 : REGULATORY INFORMATION

TSCA: This product is considered an article and exempt from TSCA requirements.

#### SECTION 16 : OTHER INFORMATION

Disclaimer of Liability

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