

# MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT INFORMATION

PRODUCT NAME : BLACK TAK LIGHT MASKING FOIL

CHEMICAL NAME & SYNONYMS: A MATT BLACK SOFT TEMPERED LACQUERED ALUMINIUM FOIL  
LAMINATED TO A SPECIAL HIGH PERFORMACE ADHESIVE

MATERIAL USE: MASKING OF LIGHT FROM LIGHTING EQUIPMENT

Le Mark Self-Adhesives Ltd  
32 Stephenson Road  
St Ives, Cambridgeshire.  
PE27 3WJ  
England

EMERGENCY PHONE (24 HR.): 07976 368322

WHMIS CLASSIFICATION: Exempt, not a controlled product.

TDG CLASSIFICATION: Exempt, not regulated.

## SECTION II - PHYSICAL DATA

PHYSICAL STATE: Solid

ODOR AND APPEARANCE: Acrylic

ODOR THRESHOLD: No data available.

SPECIFIC GRAVITY: 1150-1250 kg/m<sup>3</sup> (71-78 lb./ft<sup>3</sup>)

VAPOR PRESSURE: Not applicable, nonvolatile material.

VAPOR DENSITY: Not applicable, nonvolatile material.

EVAPORATION RATE: Not applicable, nonvolatile material.

BOILING POINT: Not applicable, solid material

MELTING POINT: Not applicable. Will soften at elevated temperatures.

pH: Not applicable, insoluble

COEFFICIENT OF OIL/WATER DISTRIBUTION: Insoluble in both oil and water.

### SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	Not applicable.
AUTOIGNITION TEMPERATURE:	Not applicable.
FLAMMABLE LIMITS:	Not applicable.
FIRE EXTINGUISHING SUBSTANCES:	Water spray, foam or dry chemical using manufacturer's recommended application techniques.
HAZARDOUS COMBUSTION PRODUCTS:	Will not combust but can smolder and can release carbon dioxide, carbon monoxide, hydrogen chloride, hydrogen bromide, bromine, oxides of antimony and other hydrocarbon vapors. Irritating fumes may develop and may be toxic.
SPECIAL FIRE FIGHTING PROCEDURES:	Will not support combustion. Avoid eye and skin contact of fumes released upon heating.

### SECTION IV - REACTIVITY DATA

STABILITY:	Stable
INCOMPATIBILITY:	None
HAZARDOUS DECOMPOSITION PRODUCTS:	At temperatures over 250°C (482°F) carbon monoxide, carbon dioxide, hydrogen chloride, hydrogen bromide, bromine, oxides of antimony and other hydrocarbon vapors may be produced. Carbon monoxide formation is enhanced under conditions of oxygen starvation.

### SECTION V - HEALTH HAZARD INFORMATION

#### EFFECTS OF ACUTE AND CHRONIC EXPOSURE:

INHALATION:	Not expected to be an inhalation hazard as an adhesive tape product.
INGESTION:	This product contains materials that can have mildly toxic effects if ingested. Antimony compounds can cause gastrointestinal effects such as vomiting and diarrhea.
EYES:	Antimony compounds can cause eye irritation. This product is unlikely to affect the eyes due to the low concentration. The most likely route of eye contact is hand-to-eye and this should be avoided.

SKIN: Can be mildly irritating to skin.

#### TOXICITY DATA:

GENERAL OVERVIEW: Product contains flame retardant additives. These materials are present in low concentrations and thoroughly bound within the product structure. As such, health risks associated with the product are low.

CARCINOGENICITY: No reported effects.

REPRODUCTIVE EFFECTS: No reported effects.

TERATOGENIC EFFECTS: No reported effects.

MUTAGENIC EFFECTS: No reported effects.

SYNERGISTIC EFFECTS: No reported effects.

LD 50 RAT (ORAL): Chlorinated Paraffin (63449-39-8) – Not Available  
Antimony Oxides (1309-64-4 and 1314-60-9) - >4,000 mg/kg  
Decabromodiphenyl Oxide (1163-19-5) - >2,000 mg/kg

### **SECTION VI - FIRST AID PROCEDURES**

INHALATION: Not applicable.

INGESTION: If ingested, consult a physician immediately.

EYES: If eye irritation occurs, irrigate eyes with fresh water and seek medical attention.

SKIN: Wash thoroughly with soap and water. Individuals experiencing skin sensitivity should discontinue use of product or use a skin barrier such as gloves or cream.

### **SECTION VII- SPILL AND WASTE DISPOSAL PROCEDURES**

SPILL: Not applicable.

WASTE DISPOSAL: Incinerate or bury in approved landfill site in accordance with federal, provincial, state and municipal regulations. Be aware of combustion products which may be produced during incineration.

### **SECTION VIII – PREVENTATIVE MEASURES**

ENGINEERING CONTROLS:	Not applicable.
RESPIRATORY PROTECTION:	Not required under normal use.
EYE PROTECTION:	Not required under normal use.
PROTECTIVE GLOVES/CLOTHING:	As required if skin sensitivity develops.
GENERAL HYGIENE:	Thoroughly wash hands after contact with product to avoid potential exposure through hand-to-mouth contact while eating or smoking.
STORAGE REQUIREMENTS:	Store in a cool area away from ignition sources.

**DATE OF ISSUE: 07/18/03**  
**NEW**

**SUPERSEDES:**

This information is accurate and reliable to the best of our knowledge. It is furnished without warranty, expressed or implied. Le Mark Self-Adhesives Ltd assumes no legal responsibility for hazards which may result through the use of, or reliance upon, this data. The data are submitted for the user's information and consideration only. The use of this product must be determined by the user to be in accordance with the applicable federal and local laws and regulations.

**\* \* \* E N D \* \* \***