



# MATERIAL SAFETY DATA SHEET

## Flash paper, cotton & cord

### 1. INFORMATION OF PRODUCT AND COMPANY

**Product name:** Flash paper, cotton & cord  
**Application:** Speciality  
**Company:** Le Maitre Ltd, 6 Forval Close, Wandle Way, Mitcham, Surrey, CR4 4NE, England  
**In case of emergency:** +44 (0) 208 6462222

### 2. COMPOSITION AND INFORMATION ON COMPONENTS

Hazardous ingredients	CAS-nr	EINECS	w/w %	Symbol	R-phrases
Nitrocellulose	9004-70-0	-	<75%	F	1, 11

### 3. HAZARDS IDENTIFICATION

**Hazards:** Main hazards: Highly flammable. Gives off irritating or toxic fumes (or gases) in a fire.

Other hazards: Spontaneously flammable when dry.

### 4. FIRST AID MEASURES (if exposed to contents)

**General Advice:** The usual precautions for handling chemicals should be observed. If any symptoms should occur, seek medical advice.

**Contact with eyes:** Flush immediately with water for 15 minutes, then seek medical attention if required.

**Contact with skin:** Wash with soap and water. Seek medical attention if any skin irritation persists.

**Inhalation:** Get fresh air and seek medical assistance if breathing is difficult.

**Ingestion:** Rinse mouth thoroughly with water and seek immediate medical attention. Do not give anything by mouth if patient is unconscious.

### 5. FIRE FIGHTING MEASURES

**Extinguishing media:** Use foam, carbon dioxide or dry agent or water.

**Fire fighting procedures:** Keep container(s) exposed to fire cool, by spraying with water. Prevent contact with skin and eyes.

**Special protective equipment:** Self contained breathing apparatus and protective clothing.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** N/A

**Environmental precautions:** N/A

**Cleaning methods:** N/A

### 7. HANDLING AND STORAGE

**Handling procedures:** Use only in well ventilated areas  
Avoid contact with heat, sparks and flame.

**Storage procedures:** Store in ventilated area away from heat, sparks and flame.  
Store in the wet condition until ready for use.

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION (during use)

**Control procedures:** Ensure adequate ventilation. Keep away from heat and sources of ignition.

**Eye protection:** None required.

**Protective clothing:** None required.

**Respiratory protection:** None needed with adequate ventilation.

**Hygiene:** Do not eat, drink or smoke when handling.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance/colour/state/odour:** White solid in various forms.

**Boiling point/range:** N/A

<b>Flash point:</b>	168°C
<b>Explosive properties:</b>	Not available
<b>Relative density:</b>	Not available.
<b>pH:</b>	Not available.
<b>Vapour pressure:</b>	Not available
<b>Relative vapour density:</b>	Not available
<b>Solubility in water:</b>	Insoluble.
<b>Auto-ignition:</b>	Not available.
<b>Viscosity:</b>	Not available.
<b>Evaporation rate:</b>	Not available.

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable when damp.
<b>Conditions to avoid:</b>	High temperatures, incompatible materials, ignition sources, oxidisers.
<b>Incompatibility (Materials to avoid):</b>	Oxidising agents, acids and strong alkalis.
<b>Hazardous decomposition compounds:</b>	Nitrogen Oxides.

## 11. TOXICOLOGICAL INFORMATION

<b>Inhalation:</b>	Inhalation of vapour can cause headache, nausea and central nervous system effects.
<b>Ingestion:</b>	Toxic if swallowed. Ingestion can result in nausea, vomiting, severe abdominal pain, back pain, and central nervous system effects which could proceed to coma and death.
<b>Skin contact:</b>	Contact with skin can result in mild irritation.
<b>Eye contact:</b>	None known.
<b>Other information:</b>	No experimental data available.

## 12. ECOLOGICAL INFORMATION

**General information:** Not available.

## 13. DISPOSAL CONSIDERATIONS

**National regulations:** Disposal should be in accordance with local, state or national legislation.

## 14. TRANSPORT

<b>UN number:</b>	2555
<b>Road/Rail – ADR/RID:</b>	UN2555, Nitrocellulose with water, Class 4.1, PGII
<b>Sea – IMDG:</b>	UN2555, Nitrocellulose with water, Class 4.1, PGII. <b>EmS:</b> F-B, S-J
<b>Air – IATA/ICAO:</b>	UN2555, Nitrocellulose with water, Class 4.1, PGII. <b>Packing instr.</b> 416

## 15. REGULATORY INFORMATION

<b>Risk and Safety Phrases:</b>	RISK PHRASES
	R1 Explosive when dry.
	R11 Highly flammable.
	SAFETY PHRASES
	S16 Keep out from sources of ignition – No smoking.
	S33 Take precautionary measures against static discharges.
	S35 This material and its container must be disposed of in a safe way.

## 16. OTHER INFORMATION

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties. Apart from any fair dealing for purposes of study, research and review of health, safety and environmental risks, no part of these documents may be reproduced by any process without written permission from Le Maitre Ltd. (08.10.07)