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Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



IDENTITY (As Used on Label and List)
Optima® Brand Thermal Paper

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name <u>Appleton Papers Inc.</u>	Emergency Telephone Number <u>(414) 734-9841</u>
Address (Number, Street, City, State, and ZIP Code) <u>825 E. Wisconsin Avenue</u>	Telephone Number for Information <u>(414) 730-7021</u>
<u>Appleton, WI 54912</u>	Date Prepared <u>7/16/87; Revised 5/1/91 and 9/18/92</u>
	Signature of Preparer (optional) <u>Duane A. Jones</u>

Section II - Hazardous Ingredients/Identity Information

(Duane A. Jones, PhD)

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
<u>None. Appleton's Optima Thermal Paper does not release or otherwise result in exposure to a hazardous chemical subject to disclosure requirements of the Hazard Communication Standard.</u>				

Section III - Physical/Chemical Characteristics

Boiling Point	<u>N/A</u>	Specific Gravity (H₂O = 1)	<u>ND</u>
Vapor Pressure (mm Hg.)	<u>N/A</u>	Melting Point	<u>N/A</u>
Vapor Density (AIR = 1)	<u>N/A</u>	Evaporation Rate (Butyl Acetate = 1)	<u>N/A</u>
Solubility in Water	<u>Insoluble</u>		

Appearance and Odor
Paper in roll or sheet form; faint odor

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) <u>N/A</u>	Flammable Limits	LEL <u>N/A</u>	UEL <u>N/A</u>
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Extinguishing Media
Water, CO₂, Foam, Dry Chemicals

Special Fire Fighting Procedures
None believed required.

Unusual Fire and Explosion Hazards
None known to Appleton Papers Inc.

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Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid)

None known

Hazardous Decomposition or Byproducts

None known to Appleton Papers

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
Contact		X	

Health Hazards (Acute and Chronic)

None, based on skin patch testing of Appleton's Optima Thermal Papers, conducted with humans.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
None known to Appleton Papers			

Signs and Symptoms of Exposure
See health hazards, above.

Medical Conditions
Generally Aggravated by Exposure

None known to Appleton Papers

Emergency and First Aid Procedures
None required.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
N/A

Waste Disposal Method
Optima Thermal Paper is not a hazardous waste as defined in 40 CFR 261. Optima Thermal Paper may be recycled, incinerated or disposed of in an approved landfill in accordance with state and local regulations.

Precautions to Be Taken in Handling and Storing
None necessary.

Other Precautions
None known to Appleton Papers.

Section VIII — Control Measures

Respiratory Protection (Specify Type)
Not necessary under normal use conditions.

Ventilation	Local Exhaust	Special
	Mechanical (General)	Other
N/A		

Protective Gloves: Not required. Eye Protection: Not required.

Other Protective Clothing or Equipment
Not required.

Work/Hygiene Practices
Follow normal hygiene practice. Wash hands after handling papers and before eating or drinking food and beverages.