



Material Safety Data Sheet

School Specialty Inc. W6316 Design Drive Greenville, WI 54942 Phone# 920.882.5745 Fax# 920.993.4222 E-mail:laura.rodgers@schoolsspecialty.com www.schoolsspecialty.com	Product information Item code: 1277260 1277261
Section 1st : Material identification	
Product name	School Smart Laminating Film
Chemical name	Main film = Polyethylene Terephthalate, PET Coating = Low Density Polyethylene, LDPE
Formula	PET = [-OC-C ₆ H ₄ -COOCH ₂ O-] _n LDPE = [-CH ₂ -CH ₂ -] _n
CAS Hazard class	Not regulated
CAS No	NA
Shipping name	NA
Section 2nd : Hazardous component	
Material	No components are hazardous
CAS No	NA
Concentration %	NA
PEL	NA
TLV	NA
Section 3rd : Physical / Chemical data	
Appearance	Thin, Transparent plastic film with opaque appearance.
Odour	Nil
Melting point	248 °F – 500 °F (120 °C -260 °C)
Solubility in water	Insoluble
Volatile content %	Negligible
Specific gravity	0.92 - 1.4 g/cc
Section 4th : Fire & Exploration hazard data	
Flash ignition temperature	NA
Unusual fire & explosion hazards	No unusual hazards
The film can pick up strong static charge during processing. Avoid discharge into dust or solvent as a flash fire or explosion may result.	
Hazardous combustion products	The products of incomplete combustion include carbon monoxide, carbon dioxide, acetaldehyde and acrolein. A static discharge device is necessary to eliminate the electrostatic buildup on the roll as it is being unwound and re-wound, especially in potentially explosive atmospheres.
Fire fighting instructions/procedures	Respiratory and eye protection should be provided for trained fire-fighting personnel to avoid contact with combustion products.
Section 5th : Reactivity	
Stability at room temperature	Stable
Conditions & materials to avoid	Temperature above 240 °C, strong acids, alkali may hydrolyze the film.
Hazardous decomposition products	Carbon monoxide, Carbon dioxide, Acetaldehyde and acrolein
Polymerization	Not occur

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Section 6th : Health hazards information	
Inhalation	Upon over-heating may produce fumes. Remove personnel to fresh air and lower heats to recommended temperatures.
Ingestion	Non-Toxic.
Eye contact	Mechanical irritation only.
Skin contact	No skin problem is anticipated during handling of the film.
Section 7th : Emergency first aid procedure	
Inhalation	If exposed to fumes from overheating or combustion moves to fresh air. Get medical attention if symptoms persist.
Eye contact	Flush eyes with plenty of water consults a physician of systems persists.
Skin contact	Wash skin with plenty of water & soap. If molten polymer contacts skin, cool rapidly with water. Don't peel polymer from skin, get medical attention for thermal burn.
Section 8th : Employee protection information	
Ventilation	Local ventilation may be required at temperature above 240 °C, otherwise normal ventilation is required.
Skin	For handling the film, gloves are recommended.
Eyes	Wear safety glasses as a part of good industrial safety practice.
Respirator	Not required.
Section 9th : Environmental protection	
Water disposal	Landfill is preferable. Alternative is forced draft disposal method must confirm to local, state and federal laws.
Spill –Leak or Release	NA
Aquatic Toxicity	No data. Very low toxicity is predicted on the basis of negligible solubility of film in water.
Section 10th : Storage conditions / Shelf life	
Storage conditions	Store in a cool and dry place packages are kept closed to prevent contamination. Roll may telescope, handle with caution. Avoid skin contact with sharp film edges. Temperature and humidity should be controlled at 25 °C - 35 °C and less than 85% RH, respectively. Bare (opened) rolls are recommended to be handled at the condition of 18 °C -25 °C and less than 65% RH. It is advisable to use Polyester thermal lamination films within one year from delivery . The rolls may be good condition even further if stored properly at recommended conditions in its original packing

The information furnished herein is believed to be factual. No hazardous substances are used in the manufacturing of this product on this material safety data sheet with the exceptions indicated. Though no specific analysis is done for the products or the raw material used in its manufacturing for hazardous substances stated in various states list. The information is taken from works & qualified experts, however nothing contained in the information is to be taken as warranty or representation for which School Specialty Inc, bears legal responsibility.

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