

Material Safety Data Sheet

FILM USED IN LAMINATION STYLE 803-TU

COMPOSITION/INFORMATION

Polyurethane from 4.4' – methylenediphenyl diisocyanate, 1.4 – butanediol, and polytetramethylene ether and may contain dipropylene glycol, montan ester wax, and a natural diatomaceous earth.

This document is prepared pursuant to the OSHA Hazard Communications Standard (29 DFR 1910.1200). In addition, other substances not 'Hazardous' per this OSHA Standard may be listed. Where proprietary ingredient shows the identity may be made available as provided in this standard.

PHYSICAL DATA

Appearance:	Clear colorless to pale yellow pigment pellets
Vapor Density:	Not applicable
Vapor Pressure:	Not applicable
Soluble in water:	Insoluble
Odor:	Odorless
Specific Gravity:	1.1 – 1.2
Boiling Point:	Not applicable

FIRE FIGHTING METHODS

Flash Point:	Not applicable
Method Used:	Not applicable
Flammable Limits:	LFL: N.E. UFL: N.E.
Extinguishing Media:	Water fog, dry chemical, CO ₂ , and foam

FIRE AND EXPOSURE HAZARDS: Toxic vapors can be emitted under fire conditions.

FIRE FIGHTING EQUIPMENT: Use a positive-pressure, self-contained breathing apparatus to prevent exposure to hazardous decomposition products generated under fire conditions.

REACTIVITY DATA

STABILITY: (CONDITIONS TO AVOID) Resin emits processing fumes when heated to extrusion or injection molding temperatures (320-470F).

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, aliphatic compounds, and traces of hydrogen cyanide and highly-elevated temperatures, such as fire conditions.

HAZARDOUS POLYMERIZATION: Not applicable.

ENVIRONMENTAL AND DISPOSAL INFORMATION

ACTION TO TAKE FOR SPILLS: Sweep up and reuse or dispose. Spilled pellets may present a slipping hazard.

DISPOSAL METHOD: Incinerate or dispose of in an approved landfill in accordance with all applicable Federal, State, and local regulations.

HEALTH HAZARD DATA

EYE: Solid or dust may cause irritation or corneal injury due to mechanical action. Vapors generated at higher temperatures may irritate eyes.

SKIN CONTACT: Mechanical injury only.

SKIN ABSORPTION: Skin absorption is unlikely due to physical properties. The dermal LO5D has not been determined.

INGESTION: Considered to be physiologically inert. Single dose oral LO5D has not been determined.

INHALATION: At room temperature, exposures to vapors are unlikely due to physical properties; higher temperatures may generate vapor levels sufficient to cause irritation and other effects.

SYSTEMATIC & OTHER EFFECTS: No specific data: however, repeated exposures to the unheated material are anticipated to cause adverse effects, such as respiratory irritation, upon repeated exposure.

FIRST AID

EYES: Irrigate immediately with water for at least five minutes. Mechanical effects only.

SKIN: Wash off in flowing water or shower.

INGESTION: No adverse effects anticipated by this route of exposure.

INHALATION: Remove to fresh air if effects occur. Consult a physician.