Material Safety Data Sheet

Version 1.2
Revision Date 12/3/2013

May be used to comply with OSHA's Hazard Communication Standard. Complies with Federal requirements

I. Product and Company Information

Product Name	:	**Flexible Polyvinyl Chloride** (film, sheet, and compound)
Common Name	:	PVC film, vinyl
Chemical Formula	:	$(C_2H_3Cl)_n$
Manufacturer's Name and Address	:	**John Tillman Company** 1300 W Artesia Blvd Compton, CA 90220 www.jtillman.com
Telephone	:	(800) 255-5480
Fax	:	(310) 764-0104

II. Composition / Information on Ingredients

Compounded polyvinyl chloride is a fused compound of many ingredients. Hazardous ingredients, if present, remain encapsulated in the PVC film under conditions of normal use. See Section VI for Health Hazard Data. **Typical** compositions for medical applications are listed below:

Components	**Wt. %**	**Remarks**
Polyvinyl Chloride Resin	45 – 80	CAS No. 9002 – 86 – 2
Plasticizers	0 – 60	DEHP
Colorants	0 – 5	Inorganic pigments
Heat Stabilizers	3 – 10	CFR listed stabilizers

III. Physical and Chemical Characteristics

Appearance	:	Films of varying size, hardness, and color
Odor	:	Mild

Boiling Point	:	Not applicable (solid)
Melting Point	:	Not applicable
Solubility in Water	:	None
Specific Gravity (Water = 1)	:	1.15 – 1.60
Vapor Density	:	Not applicable
Vapor Pressure	:	Not applicable
Evaporation Rate	:	Not applicable

IV. Fire and Explosion Hazard

Flash Point	:	Not applicable
Flammable Limits	:	Not applicable
Extinguishing Media	:	Water, dry chemicals
Special Fire Fighting Procedures	:	Wear full bunker gear including a positive pressure self-contained breathing apparatus.
Unusual Fire and Explosion Hazard	:	PVC evolves hydrogen chloride, carbon monoxide, other gases when burned. Exposure to combustion products may be fatal and should be avoided.

V. Reactivity Data

Stability	:	Stable under normal conditions
Hazardous Polymerization	:	Will not occur
Incompatibility (Material to avoid)	:	None

VI. Health Hazard Data

This material is supplied in roll form. As such, it does not pose any physical or health hazards under normal use. **Material is not intended for use in burning applications.**

Route(s) of Entry		
Inhalation	:	Not applicable
Skin Contact	:	Not applicable
Ingestion	:	Not applicable
Health Hazard (Acute and Chronic)	:	None
Medical Conditions Generally Aggravated by Exposure	:	None
Emergency and First Aid Procedures	:	Not applicable
Effect of Overexposure	:	The material poses no known health hazards at ambient temperatures.

VII. Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled	:	Not applicable
Waste Disposal Method	:	Landfill or other approved disposal method in accordance with any applicable regulations under Resource Conservation and Recovery Act.
Other Precautions	:	None

VIII. Control Measures

Respiratory Protection	:	None Required
Ventilation	:	General ventilation should be sufficient to control odors. Good mechanical ventilation is needed when material is heated.
Protective Gloves	:	Use when material is heated.
Eye Protection	:	Recommended for all industrial workplaces.
Other Protective Clothing or Equipment	:	Not applicable