

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Surteco Canada Ltd.
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Customer Service/Technical: +1-905-759-1074
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Product Identification: Furniture Edge banding
 Chemical Name: **Flexible PVC Edge banding**
 Chemical Formula: Chloroethylene homopolymer compound; polyvinyl chloride resin (CAS#9002-86-2) and functional ingredients.
 Product use: Used for furniture manufacture.

2. COMPOSITION / INFORMATION ON INGREDIENTS

The following substances are present in the product as listed below and identified as hazardous by the OSHA HAZARD Communication standard.

COMPONENT NAME	CAS NUMBER	LEVEL IN PRODUCT
Polyvinyl Chloride	9002-86-2	<90%
Vinyl Chloride Monomer	75-01-4	0.001%
Plastisizer	NDA	<60%
Inert fillers	NDA	<50%
Impact Modifiers	NDA	<50%
Flame Retardant	NDA	<30%
Process Aids	NDA	<25%
Lubricants	NDA	<20%
Organotin Stabilizer	Trade Secret	<10%
Titanium Dioxide	13463-67-7	<15%
Carbon Black	1333-86-4	<1%

Flexible PVC Edgebanding is an inert material in its normal usage: all of the ingredients listed above are encapsulated in the PVC matrix and typical concentrations are indicated. The product does not meet the criteria of a substance.

3. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW:

The product is delivered in an edge banding form rolled and taped.
 It may or may not have cardboard cores included. It is not classified; nor requiring labelling under GHS; OSHA 29 or WHMIS
 Hazards may include tripping if the tape becomes unwound and spills on the floor.
 Burning or overheating edgebanding could result in the generation or irritating and toxic vapors including hydrogen chloride, various hydrocarbons and aromatic hydrocarbons, organotin and oxides.
 These vapors may cause eye, skin and respiratory tract irritation. This material should not be burned and doing such may generate fumes that cause irritation to skin, eyes and gastrointestinal tract.

POTENTIAL HEALTH EFFECTS:

Eye: Product may shatter or break causing eye injury (See section 8)
Skin: Product is unlikely to injure.
Inhalation: Not expected to be acutely toxic. Avoid inhalation of dusts.
Ingestion: Not expected to be acutely toxic. Precautions should be taken to prevent ingestion given the absence of specific toxicological studies.

4. FIRST AID MEASURES

EYES: Not acutely toxic.
SKIN: Not acutely toxic. Due to the nature of thin profiles, skin cuts can be obtained. Clean and bandage wound.
INGESTION: No probable route of exposure.
INHALATION: In cases of fire remove victim from source of vapors and provide fresh air. Seek medical attention.

5. FIRE FIGHTING MEASURES

Flammability properties for this product have not been established. Rigid PVC Edgebanding will burn if exposed to external sources of heat. In general, edgebanding will not sustain combustion without exposure to heat from another source.

EXTINGUISHING MEDIA: Water spray, foam, carbon dioxide, or dry chemical. Water is best due to cooling effect.

HAZARDOUS COMBUSTION PRODUCTS: Upon combustion or pyrolysis, edgebanding can evolve hydrogen chloride, carbon monoxide, carbon dioxide, various hydrocarbons and aromatic hydrocarbons, and other toxic gases accompanied by dense black smoke.

FIRE FIGHTING INSTRUCTIONS: Use NIOSH approved, self-contained pressure demand breathing apparatus and protective clothing. Continue cooling with water after fire is out to prevent pyrolysis and evolution of hazardous decomposition products.

6. ACCIDENTAL RELEASE MEASURES

SPILL RESPONSE: Not applicable – dusts or shavings should be swept up and disposed of according to local and federal regulations.

7. HANDLING AND STORAGE

HANDLING: Product is delivered in roll form and boxed or bulk packaged.

STORAGE: Store in a clean, dry environment away from sources of extreme heat. Keep covered and do not allow dust to build up on stored product.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

ENGINEERING CONTROLS: Local ventilation if heating the product to the melting point.

PERSONAL PROTECTION: **EYES/FACE:** Safety Glasses to avoid injury from moving parts.
RESPIRATORY PROTECTION: Use NIOSH approved full-face acid gas respirator to protect against decomposition products when burning and/or grinding waste material.
Skin: No hazards identified

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Edgbanding tape	PHYSICAL STATE: Solid
ODOR: Mild Odor	SPECIFIC GRAVITY: 1.15-1.70
MELTING POINT: Softens gradually	WATER SOLUBILITY: Insoluble
OTHER DATA: Not established	

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal anticipated storage conditions.

CONDITIONS TO AVOID: Avoid prolonged heating at temperatures above 150°C (300 °F)

INCOMPATIBILITY: None

FLASH POINT: > 315.5556°C (600 °F)

HAZARDOUS DECOMPOSITION PRODUCTS: Heating and burning causes hydrogen chloride, carbon dioxide, carbon monoxide, various hydrocarbons and aromatic hydrocarbons, organotins, and other tin compounds.

11. TOXICOLOGICAL INFORMATION

Due to the product's physical and chemical properties, no significant toxicological properties or effects are anticipated. Exposure to dust may cause irritation; however, lung reactions are typically reversible. Nuisance dust may reduce visibility and may cause unpleasant deposits in eyes.

12. ECOLOGICAL INFORMATION

Due to the product's physical and chemical properties, no significant ecological properties or effects are anticipated.

13. DISPOSAL CONSIDERATIONS

SPECIAL INSTRUCTIONS: Recycling of this product is recommended. Determine waste classification prior to disposal and landfill.

14. TRANSPORT INFORMATION

DOT HAZARD CLASS: Not regulated
IMO DESCRIPTION: Not a dangerous good
ICAO/IATA DESCRIPTION: Not a dangerous good

15. REGULATORY INFORMATION

TSCA INVENTORY STATUS: All of the components of this product are listed on the TSCA Inventory
SARA Hazard Classifications – None

16. OTHER INFORMATION

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Key to abbreviations
NDA=No data available