

MATERIAL SAFETY DATA SHEET

SECTION 01: Chemical Product and Company Identification

Manufacturer: Teknaform Inc.
4 Simpson Road, Bolton, ON CANADA L7E 1G9
T: 905-857-6747 **F:** 909-857-2602

Product Name: SEMI-RIGID EDGE BAND
Product Usage: INDUSTRIAL EDGE BAND/FURNITURE INDUSTRY

SECTION 1.0 Product Name: Semi Rigid PVC Edgebanding

Chemical Name and Synonyms: Chloroethylene Homopolymer compound

SECTION 2.0 Physical Data

Boiling Point: (degrees C) Not Applicable **Vapour Pressure:** (mmHg) Not Applicable **Solubility in Water:** Not Soluble
Appearance and Odour: Solid, No odour **Specific Gravity:** (Water=1.0) 1.15-1.7

SECTION 3.0 Ingredients

Polyvinyl Chloride Polymer 45-80% Inert Fillers 0-40% Heat Stabilizer 3-10% Plasticizer 0-60% Colourants 0-5%

SECTION 4.0 Fire and Explosion Data

Flash Point:
Not Applicable

Extinguishing Medium:
Water, Carbon Dioxide

Flammable Limits in Air (% by volume):
Lower-Not applicable, Upper-Not Applicable

Firefighter Equipment:
Standard self contained breathing apparatus and clothing.

Unusual Fire and Explosion Hazard
PVC Compounds will not normally continue to burn after ignition without external fire source. Do not let runoff water enter streams, rivers or lakes.



SECTION 5.0 Reactive Data

Stability

Stable under normal conditions

Hazardous Decomposition

None

Conditions to avoid

Spark and Open Flame at Temperature over 300 deg C, combustible gas may be liberated

Hazardous Polymerization

None

Hazardous Polymerization

Does not occur

Direct Sunlight

Exposure to direct sunlight or constant indirect sunlight will cause PVC to yellow.

SECTION 6.0 Health Hazard Data

Eye: Solid or Dusts may cause irritation due to mechanical contact. **Eye Contact:** Protect Eyes with Safety Glasses.

Skin: Mechanical Injury only.

SECTION 7.0 Environmental and Disposal Information

Disposal: Dispose or incinerate in accordance with all applicable Federal State or Provincial Laws.

SECTION 8.0 Handling and Storage

Storage

Store away from any open flame situations.
Handle with care to avoid spillage.

Crease Whitening

Crease whitening will occur when product is stressed, ie: bending around corners etc that are too small in radius, especially on dark colours, and on thickness 1mm or more.

Machining

Care should be taken on thickness over 1mm, all knives and cutting tools should be kept sharp as shattering could occur. Minimize dust generation and accumulation.

Heat

Never use any equipment that has open flame present as it could ignite PVC and cause a fire hazard.



SECTION 9.0 Certification of Hazardous materials

This product is Category 4, Non Lead, Non Antimony

Toxicity Overview

Under normal working conditions this product does not represent any unusual health hazards, however as with any industrial product the normal precautions

IARC has determined that there is inadequate evidence of carcinogenicity of a polyvinyl chloride in both animals and humans. The overall evaluation of polyvinyl chloride is Group 3, meaning that it is not classifiable as a carcinogen (IARC Vol 19, 1979). Polyvinyl chloride is not listed as a carcinogen by OSHA, NIOSH, IARC or EPA.

The following materials may be present in this product, but are not anticipated to exceed exposure limits under normal conditions.

Calcium Carbonate, Carbon Black, Titanium Doioxide, Hydrogen Chloride

