

## 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:** ABS EDGEBANDING  
**Product Usage:** INDUSTRIAL EDGEING/FURNITURE INDUSTRY

### SECTION 1.0 Product Name

**Chemical Name and Synonyms:** Acrylonitrile-Butadiene-Styrene

### 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), 1.03-1.06

### SECTION 1.0 Product Name

Acrylonitrile-Butadiene-Styrene resin: 98-99%

### SECTION 4.0 Fire and Explosion Data

**Flash Point:** Not Applicable **Extinguishing Medium:** Water, CO2, Antimony Halide and Dry Chemicals  
**Unusual Fire and Explosion Hazards:** Dense Black smoke can liberate if burned with oxygen.  
**Flammable Limits in Air (% by volume):** Lower-Not applicable, Upper-Not Applicable  
**Firefighter Equipment:** Standard self contained breathing apparatus and clothing.

### SECTION 5.0 Reactive Data

**Stability:** (Conditions to avoid) Spark and Open Flame at Temperature over 300 deg C, combustible gas may be liberated  
**Hazardous Decomposition:** None **Hazardous Polymerization:** None  
**Direct Sunlight:** Exposure to direct sunlight or constant indirect sunlight will cause ABS 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.

### Machining

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

### 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.

### Heat

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

## SECTION 9.0 Certification of Hazardous materials

ABS products manufactured by Teknaform Inc do not contain any of the following materials.

**Antimony and its compounds**

**Arsenic and its compounds**

**Asbestos**

**Benzene**

**Beryllium and its compounds**

**Chromium and its compounds**

**Dioxenes**

**Difuranes**

**Ethylene Glycol Ethers and their acetates**

**Epichlorohydrine**

**Mercury and its compounds**

**ODE: Ozone depletion Chemical**

(including CFC-11, CFC-12 CFC-13, CFC-14, CFC-15, Halon 1301 and Halon 2402),  
PCB, PBB, PBBEs, PBDEs, PCTs, TBBA.