

1. Product HB-77 N (Grey) 99.9% Cellulose sheet/board for spacer, electrical insulation, washers, construction, decorative.

Manufacture: Hokuetsu Toyo Fibre Co., Ltd.
888 Ohtsuka, Numazu-Shi
Shizuoka-Ken, Japan 410-0306

Contact Person: Nobuyuki Toyama n-toyama@hokuetsu-toyofibre.jp
Tel: +81-55-968-0367
Fax: +81-55-967-2210

2. Composition / Information on Ingredients

Component		Composition (wt. %)	CAS NO.
Cellulose		91 - 95	N/A
Pigment	Pigment Black - 7	0.02>	1333-86-4
	Pigment Blue - 15		147-14-8
	Pigment Yellow - 13		3520-72-7
Zinc Chloride		0.1>	7646-85-7
Moisture		4 - 8	7732-18-5

Unit Weight

Thickness (mm)	0.25	0.35	0.4	0.5	0.63	0.8	1.0	1.2	1.6	2.0	2.4
Weight g/m ²	250	390	425	605	770	1,005	1,275	1,510	2,085	2,620	3,075

*Above Unit Weight is just for the reference purpose and it can be different from the actual.

3. Health and Safety Hazards

This product is not expected to cause any health or safety hazards, when used as intended.

4. Fire Hazard and Extinguishing Media

This product is capable of burning however it is not considered as flammable material. It will not set ignite or flash under normal conditions.

4.1. Combustion Gases:

When it burns, it will generate gases contains, Carbon Dioxide, Carbon Monoxide, and trace amount of Hydrogen Chloride.

4.2 Fire Extinguish Measure:

Water spray, Carbon Dioxide, Extinguishing Powder or Foam can be used as an extinguishing media. Wear protective equipment and wear with self-contained breathing apparatus. Keep away from the sources of ignition and take upwind position.

5. Disposal Consideration

Dispose the material in accordance with regional solid waste disposal laws respectably.

6. Handling Exposure Personal protection

This product is not subject to dangerous material classification and labelling pertaining to transportation. A dust mask for machining/sanding may be used.

7. Storage

Specific hazards regarding storage are not known. Store in the area without flammables nearby.

Avoid direct sun lights, extremely dry and damp conditions.

Relative humidity of approx. 50% and temperature level below 25°C are recommended.

Additional protections for water proof covers are recommended.

8. Other Information

This product is not intended to manufacture to comply with food sanitation/hygiene.

Please contact us for latest certificates for both RoHS and REACH SVHC.

9. First Aid Measures: NA, treat as paper or wood.

10. Accidental Release: NA

The content of this information sheet is based upon data considered accurate at the time this sheet was issued. The information contained herein is furnished without warranty of any kinds and does not constitute as guarantee of product. The purpose of information provided related to environment and to safety only. The manufacture assumes no responsibilities for personal injuries and property damages.