Test Specification Data of Fingaurd

PRODUCT COMPOSITION: This is one of the most advanced technology product made for Interior design by Merino Industries Ltd. It is produced by simultaneous heating at about 145*C and under continuous pressure of >90KG/sq cm for a period of 30-40 mint and followed by instant cooling for again 30-40 mint. The base part of this product is made with a bunch of Phenolic resin treated kraft paper pressed together with the surface film. In the product more that 65% is the paper and rest 35% is of cured synthetic resin.

STABILITY AND REACTIVITY DATA :

1. Stability: Merino Finguard laminate is stable , it is neithercorrosive nor reactive
2. Hazardous Reactivity: None
3. Reaction with Chemicals: Only strong Alkali and strong acids will react and damage the Surface
4. Flammability: It is not considered as Flammable but it will burn only whencontinuous fire will be present
5. Ignition Temp: > 425*C
6. Extinguishing process: It is A class material made with Hydrocarbons, Simple Water spray and Carbon Di Oxide spray will extinguish the flame, while in fire person should use self breathing apparatus and fire protective dress
7. Explosion Hazard: Sanding , sawing and routing will produce dust, adequatearrangement of arresting the dust and enough ventilation at working place must be there
8. Explosion Limit: Dust level at working place should be <60mg/cu m
9. Health Hazard Information: IT is not toxic neither considered as dangerous material for humans and Animals
10. Disposal System: It is having good calorific value can be incinerated .

Properties	**Test Method (EN 438-2005)**	**Unit**	**Values as per EN 438-2005**	**Merino Value**
Density	EN ISO 1183:1987	kgm^3	=1350	>1400
Resistance to Surface wear	EN 438-2.10	Revolution	=350	>500
Micro Scratch Resistance	ASTM:D6037-96 Reapproved2008	%	Retain >95% gloss	Class-1
Resistance to Scratching	EN 438-2.25	Rating	3	>3
Resistance To Staining	EN 438-2.26	Rating Group-1&2 Group-3	 =5 =4	 >5 >4
Resistance to Impact by Small diameter Ball	EN 438-2.20	N(min)	20	>22
Resistance to dry Heat at 180°C	EN 438-2.16	Rating	4	5
Dimensional stability at elevated temperature	EN 438-2.17	% long % Cross	=0.55 =1.05	<0.45 <0.90
Resistance to immersion in boiling water	EN 438-2.12	Rating	4	>4
Gloss at 60° Angle	Gloss Meter	Level	NA	2-4