



TECHNICAL DATA SHEET

Product:

Koria RVL

Description:

Koria RVL is a revolutionary soft and extra-long decorative laminate that can be applied to any surface. This can be achieved by using white glue or yellow glue.

1. Attributes:

- Freedom of length, long length of up to 150 meters
- Radius Friendly, able to bend up to 90 degrees
- Solid colour core
- Water resistant
- Scratch resistant
- UV resistant
- Odour free

2. Properties:

Thickness	0.08mm, 0.12mm, 0.17mm, 0.30mm, 0.60mm
Wear layer coating	0.05mm (only on 0.17mm and above thickness)
Abrasion rating	AC1 (Taber test)
Stain resistance	Non-reactive (Household bleach)
Light fastness	Not less than 7 (Blue wool Rating)

3. Composition:

Chemical Name	CAS Number	Content
PVC Resin	9002-86-2	75~80%
DOTP	6422-86-2	0~15%
Complex Stabilizer & Addictive	-	3~5%
Titanium Dioxide (TiO ₂)	13463-67-7	3~10%

4. Hazard Composition:

Emergency risk and hazard information	NFPA Index Health and Fire = 1 Reactivity = 0
--	---

5. First aid measures

Contact with eyes	Remove foreign objects immediately and follow doctor's instructions
Contact of skin	No effect
Ingestion	Vomit it out immediately. Medical action should be taken if necessary

6. Fire Fighting measures

Classification and regulation by the Fire Service Act	Not applicable
Extinguishing agents	Carbon dioxide powder extinguishing agent, water spray
Fire extinguishing method and equipment	Toxic gas is generated in case of fire, gas mask must be worn when extinguishing.
Hazardous substances generated during combustion	HCL and toxic gas generated during combustion

7. Handling and Storage

Safe handling tips	Be careful when moving as it is heavy
Storage method	Avoid direct sunlight, heat and impact. Should be stored in between 0°C to 30°C temperature. Keep standing. If correctly stored the product can retain its features for at least 12 months.

8. Exposure controls / Personal protection

Ventilation	No special ventilation required under normal conditions
Protection	No need
Eye protection	No need
Hand protection	Protect your hands with regular gloves
Body protection	Normal level of protection

9. Physical and Chemical Properties

Specification	Measurement value	Test Method
Exterior	Solid	-
Smell	None	-
Solubility	Non soluble in water	-
Tensile strength (length)	354kg f/cm ²	ASTM-D-638
Tensile strength (width)	314kg f/cm ²	ASTM-D-638
Tear strength (length)	78kg f/cm ²	ASTM-D-1004
Tear strength (width)	82kg f/cm ²	ASTM-D-1004
Heated elongation	206%	90°C X 3 minutes
Dimension stability (length)	-1%	250X250mm 80°C X 30 minutes
Dimension stability (width)	0.05%	250X250mm 80°C X 30 minutes
Vicat softening Temperature	80°C	ASTM-D-1525
Charpy Impact Strength	6.8kg f/cm ²	ASTM-D-2563
Hardness	86 Shore "D"	ASTM-D-2240

10. Stability and Reactivity

Chemical stability	Very stable under standard conditions
Conditions and substances to avoid	Extreme heat / solvent

11. Disposal consideration

Disposal method	Reuse, incinerate or dispose off in a designated place under regulation
Caution for disposal	Toxic gases are released during incineration