# ENVIRONMENTAL SAFETY & COMPLIANCE

Our product ensures safety and environmental responsibility through the following features:

- **Heavy Metal-Free**: No detectable levels of harmful heavy metals (lead, cadmium, mercury, hexavalent chromium).

- **Formaldehyde-Free**: Does not release formaldehyde (HCHO), preventing sick building syndrome.

- **Low VOC Emissions**: Minimal volatile organic compounds (TVOC, toluene), reducing odor and ozone generation.

- **Safety Standards**: Complies with KC mark standards for wallpaper and paperboard.

- **Children's Safety**: Meets safety requirements for hazardous chemicals in children's products.

- **Antibacterial and Antifungal**: Offers excellent antibacterial and antifungal properties, maintaining a comfortable environment.

| Heavy Metals [Pb, Cd, Hg, CrVI] | |
| --- | --- |
| **standard**<br><br>[ Pb ] 5mg/kg<br>[ Cd ] 0.5mg/kg<br>[ Hg ] 2mg/kg<br>[ CrVI ] 1mg/kg | **Not detected** |

| Formaldehyde [HCHO][HCHO] | |
| --- | --- |
| **standard**<br><br>0.12mg/㎡h | **Not detected** |

| Phthalates | |
| --- | --- |
| **standard**<br><br>[ DEHP ] 0.1% or less [ DBP ] 0.1% or less [ BBP ] 0.1% or less | **Not detected** |

## Safety and Compliance for Children's Products

Our product adheres to the following safety standards:

- **Common Safety Standards**: Meets all relevant safety standards for children's products.
- **Hazardous Chemicals Elution**: Complies with stringent elution standards for hazardous chemicals, ensuring minimal risk to children's health and safety.

| Common safety standards for children's products | | Elution standards for hazardous chemicals | |
|---|---|---|---|
| **standard**<br><br>[ Sb ] 60㎎/㎏<br>[ As ] 25㎎/㎏<br>[ Ba ] 1000mg/kg<br>[ Cd ] 75㎎/㎏ | **satisfy** | **standard**<br><br>[ Cr ] 60㎎/㎏<br>Pb ] 90㎎/㎏<br>Hg ] 60㎎/㎏<br>Se ] 500 mg/kg | **satisfy** |



| Flame retardant performance | | | | |
|---|---|---|---|---|
| [Fire Industry Technology Institute Certification] | | | | |

Carbonization length | Carbonization area | Afterflame time | Afterflame time | Smoke density

| below | below | below | below | below |
|---|---|---|---|---|
| 20cm | 30cm2 | 3 seconds | 5 seconds | 200 Ds |

**KFI** Flame retardant certification
소방산업기술원

| Staining resistance | | | | | |
|---|---|---|---|---|---|
| soy sauce | Cola | 10% hydrochloride | coffee | 5% ethanol | vinegar |

No change

# BODAQ INTERIOR FILM: AN ECO-FRIENDLY FINISHING SOLUTION

## SAFE SOLUTION

**NO HEAVY METALS**

**NO FORMALDEHYDE**

**NO VOC**

**CLASS I OR A FIRE- & SMOKE-RATING**

## HEALTHY SOLUTION

**ATOPY SAFE FOR BABIES**

**ANTIFUNGUL**

**ANTIBACTERIAL**

**NON-TOXIC**

## ENVIRONMENTAL SOLUTION

**ECO-FRIENDLY CERTIFICATION**

**LESS CO2 EMISSIONS**

**LESS WASTE**

**HEALTHY BUILDING MATERIAL CERTIFICATION**

**KOREA ECO-LABEL**

**ECO-HOUSING LABEL**