

Material Safety Data Sheet

1. Company Information

Company : Koyo Orient Japan Co., Ltd.
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Japan, Postal: 362-0031
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2. Product Name

Visible Light Absorbing Flock Sheet (VL Flock Sheet)

3. Composition, Information on Ingredients

Single product or mixture : Mixture

Composition • Content by % • CAS No.

Component	content by %	CAS No.	JCSCL	JISHA
Acrylic resin	Approx. 30%	—————	Not applicable	Not applicable
Cellulose II	Approx. 40%	—————	Not applicable	Not applicable
Polyamide resin	Approx. 30%	—————	Not applicable	Not applicable

※ This product is a [molded product] and is not a hazardous [chemical product] under normal use.

※ JCSCL = Japanese Chemical Substances Control Law

※ JISHA = Japan Industrial Safety & Health Association

4. Hazards Identification

Classification name : Not applicable to classification criteria

Risk : None in particular

Hazard : None in particular

Environmental Impact : None in particular

5. First Aid Measures

After eye contact : Perform similar treatment as to when a foreign substance enters.
Wash thoroughly with water immediately and seek medical attention if you notice any abnormalities.

After swallowing : Rinse mouth well with water and seek medical attention if necessary.

6. Fire Fighting Measures

Fire extinguishing method	: General fire extinguishing method
Fire extinguishing media	: General fire extinguishing agents such as water and powder
Hazards	: There is a risk of gas generation due to combustion. Be careful not to inhale smoke when extinguishing a fire.
Protective equipment	: Equipment such as a self-contained breathing apparatus is desirable.

7. Accidental Release Measures

: Sweep up and collect in a container or dispose of according to [Disposal Consideration (Sec. 14)]. Do not sweep or flush the product into sewers or waterways.

8. Handling and Storage

Handling	: Be careful not to drop the roll due to its heavy weight.
Storage	: General precautions should be taken to prevent cargo collapse due to the weight of the product and to keep the product away from fire. Please store in packaging away from direct sunlight.

9. Exposure Controls, Personal Protection

Control concentration	: Not applicable
Permissible concentration	: Not applicable
Equipment measures	: Not applicable
Protective gear	: If necessary, wear protective mask, protective glasses, protective gloves, work clothes, safety shoes, etc.

10. Physical and Chemical Properties

Appearance	: Sheet or Roll
Color	: Black
Odor	: Yes
Density	: Approximately 0.35g/cm ³
Melting point	: -
Solubility	: Insoluble in water
Flash point	: -
Ignition point	: 400°C <

11. Stability and Reactivity

Stability	: Stable
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Reactivity : No data available
Flammability : Flammable solid
Fire Service Act : Not applicable
Fire Prevention Ordinance : Designated combustibles: Synthetic resins
(quantity of 3000 kg or more)

12. Toxicological Information

Skin corrosion : No data available
Acute toxicity : No data available
Irritation : No data available
Carcinogenicity : No data available
Reproductive toxicity : No data available

13. Ecological Information

Degradability : No data available
Accumulation : No data available
Fish toxicity : No data available
Others : Nothing in particular

14. Disposal Considerations

In case of outsourcing : Entrust disposal to an industrial waste contractor with a clear description of the contents.
For internal processing : Dispose of in accordance with applicable laws and regulations.
(In accordance with national, prefectural, and local laws and regulations)

15. Transport Information

Ground transportation : Perform loading and transportation in accordance with legal standards.
Sea transportation : Perform loading and transportation in accordance with legal standards.
Air transportation : Perform loading and transportation in accordance with legal standards.
Precautions : Avoid impacts that may cause dents.
Avoid direct sunlight. Avoid getting it wet.
UN classification and number : Not applicable

16. Regulatory Information

Fire Service Act : Not applicable
Fire Prevention Ordinance : Designated combustibles: Synthetic resins (quantity of 3000 kg or more)

17. Other Information

- ※ This information is subject to revision based on new findings.
- ※ This information is based on our best knowledge, however we do not guarantee its completeness or accuracy. All chemicals can have unknown hazardous properties and should be handled with care.