

Material Safety Data Sheet

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1. Product and Company Information

Product Name : **IR Flock Sheet (IR1500)**

Company : Koyo Orient Japan Co., Ltd.

Address : 2-3-2 Azuma-cho, Ageo-city, Saitama-prefecture, Japan, Postal: 362-0031

Telephone : 048-783-3341

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2. Hazards Identification

GHS classification : Not applicable

Notable hazards : There is no known danger by itself.

General hazards : Extremely low to the human body.

Environmental impacts : None in particular

Physical and Chemical hazards : Combustible and will burn if there is an ignition source.

3. Composition, Information on Ingredients

Single Product or Mixture : Mixture

Composition・Content by %・CAS No.

Component	Content by %	CAS No.	JCSCL	JISHA
Viscose Rayon	Approx. 30%	—————	Not applicable	Not applicable
Acrylic Acid Ester, Melamine Resin	Approx. 30%	—————	Not applicable	Not applicable
Cellulose II	Approx. 40%	—————	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. First Aid Measures

If inhaled : If you inhale the small fibers and feel any abnormalities, consult a doctor if necessary.
No special harmful gases are generated, however please work with good ventilation.

In case of skin contact : If left on the skin, itching and eczema may occur.
If it gets on your skin, remove it immediately and wash it with a neutral detergent.
If skin irritation or inflammation occurs, seek medical advice.

In case of eye contact : In case of contact with eyes, rinse immediately with clean water. If you feel any abnormalities, consult a doctor.

In case of swallowing : Rinse the mouth with clean water and spit out as much as possible.
If you feel any abnormalities, consult a doctor.

5. Fire Fighting Measures

Fire extinguishing method	: Water, carbon dioxide, powder fire extinguisher, foam fire extinguisher
Specific hazards in the event of a fire	: None in particular
Unique fire extinguishing method	: Although this product is non-hazardous, it is combustible. To prevent the spread of fire, cut off the supply to the fire source and extinguish the fire from the windward side. When extinguishing a fire, please wear appropriate protective equipment (heat-resistant clothing, self-contained breathing equipment, etc).
For Fire-Fighters	: Wear appropriate protective equipment.

6. Accidental Release Measures

Since it is a molded product, leakage is unlikely.

7. Handling and Storage

Handling	: Handle in a well-ventilated place, in a workplace equipped with local exhaust and ventilation equipment. If necessary, wear appropriate protective equipment (gloves, glasses, mask, etc).
Storage	: Store indoors and avoid storage in areas with high temperature, humidity, or where water damage may occur. Store in packaging away from direct sunlight, and away from heat and ignition sources.

8. Exposure Controls, Personal Protection

Control concentration (Ministry of Health, Labor and Welfare)	: Not classified
Permissible concentration	
JSOH	: Not classified
ACGIH	: Not classified
Protective equipment	
Respiratory Protective Gear	: If there is a lot of dust, it is recommended to wear a mask.
Hand Protection	: Wear if necessary.
Eye Protection	: If there is a lot of dust, it is recommended to wear protective goggles.
Skin and body protection	: Wear if necessary.

9. Physical and Chemical Properties

Appearance	: Sheet or Roll
Odor	: Yes
Flammability	: No
Combustibility	: Yes
Hygroscopicity	: Yes
Vapor pressure	: No data available
Boiling point	: No data available
Melting Point	: No data available
Weight	: Approx. 360g/m ²
Autoignition temperature	: 400°C <
Solubility	: Insoluble in water

10. Stability and Reactivity

Stability	: Stable under normal conditions
Reactivity	: No self-reactivity
Hazardous decomposition product	: No data available

11. Toxicological Information

Acute toxicity	: No data available
Skin corrosion and irritation	: No data available
Eye irritation	: No data available
Sensitization (respiratory organs, skin)	: No data available
Chronic and long-term toxicity	: No data available
Carcinogenicity	: No data available
Mutagenicity	: No data available
Reproductive toxicity	: No data available

12. Ecological Information

Persistence / Degradability	: No data available
Bioaccumulation	: No data available
Biotoxicity (aquatic organisms)	: No data available
Others	: None in particular

13. Disposal Considerations

It is possible to dispose as thermal recyclables.

It cannot be disposed as normal combustible waste. Because it will be industrial waste, please entrust disposal to a licensed specialist.

14. Transport Information

Be careful not to tip over or drop, and make sure that the packaging is not torn. Keep away from fire at all times.
Avoid getting wet and rough handling.

15. Regulatory Information

Japanese Fire Service Act (Designated Combustible Materials)

Japanese Waste Disposal and Public Cleansing Act

16. 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.