
Article Information Sheet

Producer: Fuji Photo Film Co., Ltd.
26-30 Nishiazabu 2-Chome, Minato-ku, Tokyo 106-8620, Japan
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1. Product

Product Name: Industrial X-ray Sheet Film With Envelopack +Pb Foil Screen

2. Composition

All products in this category consist of a coated Polyester support. The photostimulable phosphor layer is fixed mainly by resin and packed with Lead foil screen and packaging material. The photosensitive coating contains gelatine, silver halides and additives. The main ingredients are:

<u>Main Ingredients:</u>	Weight-%:
Lead foil screen	
Lead	42-45
Tin	2-3
Cellulose	7-10
Packaging Material	
Polyethylene	16-19
Aluminium	2-4
Polyethylene telephtalete	2-4
Film	
Gelatine	1-3
Silver halides	1-4
Polyethylene telephtalete	16-22

3. Health & Safety Hazards

If used as intended, this product does not have any special health or safety concerns.

This product contains **lead foil screen**. Therefore, precautions should be taken to avoid direct contact with lead or if contact with the lead is necessary the following precautions should be taken:

- Wear gloves when handling lead
- Take appropriate actions to prevent lead from contacting clothing
- Always wash hands after handling lead and before eating, drinking, or smoking.
- Never eat, drink, or smoke when handling lead or in contaminated areas.

4. Fire Hazards and Fire Fighting Measures

This product is capable of burning, but will not ignite or flash under normal conditions.

Product / Main Ingredient(s):	Ignition Temp.	Flash Point	Density
product			
polyethylene terephthalate	485 °C	390 °C	

Combustion Gases:

Carbon dioxides, carbon monoxides, small amounts of nitrogen oxides, sulfur oxides and smoke can be generated depending upon the burning condition.

Fire Fighting Measures:

Water, carbon dioxide, extinguishing powder or foam can be used as an extinguishing media.

While fire fighting, wear protective equipment such as self contained breathing apparatus, depending upon the fire situation.

5. Disposal Considerations

5.1 General Disposal Considerations

It is recommended to separate the waste film from other waste streams and to provide it to a legitimate recycler for silver recovery.

5.2 Special Disposal Information for the US

Product contains Lead foil which is regulated under the Resource Conservation and Recovery Act (RCRA). The Lead must be disposed and/or recycled in accordance with U.S EPA and State regulations.

This film passes the Toxicity Characteristic Leachate Procedure (TCLP) tests for Silver. Therefore, it is not considered as Hazardous Waste, as defined by EPA.

6. Transport

This product is not subject to dangerous material classification and labelling pertaining to transportation and storage. In situations involving the transportation of silver containing waste film across international boundaries, applicable permissions and confirmations by pertinent authorities are required in accordance with the Basel Treaty and the OECD rules.

7. Storage

Specific hazards regarding storage are not known.

8. Further Information

With respect to health, safety and environmental aspects related to the chemical products used for the processing of this material, please refer to the corresponding Material Safety Data Sheets (MSDS).

The content of this information sheet has been drawn up in accordance with current knowledge at the time when the sheet was issued. This Article Information Sheet provides information related to the environment and to safety and does not make any warrant