

Printware

2935 Waters Rd., Suite 160
Eagan, MN 55121

ARTICLE INFORMATION SHEET

1. **Article Name:** SilverStreamColor+ Plate Material
2. **Article Type:** image-receiving film (positive), intended for SilverStreamColor+
3. **Composition:**

SilverStreamColor+ film plates consist of a polyethylene terephthalate base (>90 weight percent), coated with one or more photographic emulsion layers that are mainly composed of gelatin (1-5 weight percent) and small amounts of light sensitive silver halide crystals (1-5 weight percent). In order to provide the desired physical and sensitometric properties, relatively small amounts of other components, such as e.g. dyes, matting particles, fillers, wetting agents, etc. can be added.

4. **Health and Safety**

- 4.1 General: SilverStreamColor+ film plate will not cause any special health or safety hazard, when it is used as intended.
- 4.2 Health Aspects: with respect to the health and safety aspects related to products used for the photochemical processing of film plate, we refer to the Material Safety Data Sheet (MSDS) of said products.
- 4.3 Fire hazard and extinguishing media:

- The film base is made of polyethylene terephthalate and meets the "Safety Film" specifications as described in ANSI/ISO 543-1990. Safety photographic film passes the ignition time test when the ignition time is – 10min. It passes the burning time test when the burning time is > 45 sec. For a film thickness = 0.08 mm or when the burning time is > 30 sec. For a film thickness < 0.08 mm. The nature of the combustion products is dependent on the physical characteristics of the burning process and on the degree of combustion, whereby different gasses can be generated, such as e.g. water vapor, carbon dioxide, carbon monoxide, and small concentrations of organic and inorganic degradation products.
- Combustion of non-developed film can lead to the formation of hazardous gasses (e.g. halogen compounds); the nature and the amount of such gasses are depending on the particular conditions of the combustion process.
- Developed film does not contain any silverhalide compounds anymore. Upon burning, it will mainly set free the same kind of gasses as the base film.

Fire extinguishing media: water spray, carbon dioxide, extinguishing powder or foam.

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5. Waste Disposal

The regulations about waste disposal may differ from one country to another. Please consult the local regulations on the subject matter.

In most countries SilverStreamColor+ plate material is considered as industrial waste and consequently is not allowed to dispose of as household waste.

We recommend to have waste film plate hauled away by a licensed company for recovering the silver.

When the film plate waste is disposed of through incineration, we refer to par. 4.3 relating to the composition of the fumes.

6. Transport and Labeling Regulations

SilverStreamColor+ film plate is an article and is thus not subject to the regulations on transport, labeling, health, safety and environment that apply to chemical substances and preparations. Transboundary transport of silver-containing waste is subject to legislation based on the Basel Treaty and OECD rules.

7. Storage

For specific information on optimal storage conditions of this film plate, we refer to the general instructions for use of the article.

8. Other Information

None