

Article Information Sheets are for items such as film, paper, and equipment and contain country specific regulatory information. Although an AIS sheet will provide guidance on safe use and disposal, its existence does not imply that the product is subject to regulation as a chemical substance or mixture. Mitsubishi Imaging supplies AIS sheets for our plate media.

These sheets are current no matter how many years have passed since they were published, and they are only updated when plate formulations are changed.

For additional information:

■ **Call 1-800-765-9384**

■ **Press 1 for Customer Service Or email CUSTOMERSERVICE@MITSUBISHIIMAGING.COM**

Plate Material Article Information Sheets in this packet:

PLATE MEDIA

Thermal DigiPlate Media

Paper –

TDP-R175

Violet DigiPlate Media

Polyester –

VDP-F175

Silver DigiPlate™ Media

Polyester -

SDP-FR100

SDP-FRS175

Paper –

SDP-RR175

Silver Master™ Media

Polyester -

SLM-FIII100

SLM-FIII

Paper –

SLM-RIII

ARTICLE INFORMATION SHEET

MITSUBISHI PAPER MILLS LTD.
10-14 RYOGOKU 2-CHOME, SUMIDA-KU,
TOKYO 130-0026, JAPAN

Information provided by
Division: Safety, Environment & Quality Assurance
Department, Technology Division
Contact: Functional Materials Division
Telephone number: +81-3-5600-1488

ISSUE DATE: February 20, 2024

1. Product: Thermal Digiplate TDP-R175

2. Composition:

This product is manufactured by coating thermal developing materials composed of gelatin, styrene-butadiene latex, color developer and color former onto resin-coated paper.

The main ingredients are:

Wood free pulp, Polyethylene, Gelatin, Styrene-butadiene latex, Color developer, Color former,
Titanium dioxide

3. Health and safety hazards:

There has been no report of health or safety concerns caused by this product with normal handling and use.

4. Fire hazards and fire fighting measures:

This product is not classified as a dangerous material defined in the Japanese Fire Service Law.

Combustion gases: Carbon dioxide, carbon monoxide, fumes and small amount of nitrogen oxides and sulfur oxides, etc. will be generated depending on the burning condition.

Fire fighting measures: Water spray, carbon dioxide, extinguishing powder or foam is used as an extinguishing medium. Wear protective equipments such as self-contained breathing apparatus depending on the fire situation.

5. Disposal considerations:

In general, it is recommended to separate this product from other waste streams to bring it into any available recycling system or to appropriately dispose of it in accordance with the regional regulations.

When this product is to be disposed of, incineration treatment or landfill through a licensed hauling company is recommended.

6. Transportation and storage considerations:

This product is not subject to dangerous material classification and labeling pertaining to transportation and storage.

This product should be stored in a dark place at 25°C (77°F) or lower avoiding high temperature and high humidity.

7. Other information:

None

The purpose of this Article Information Sheet is to convey safety and environmental information. The information presented herein is based on current knowledge and experience at the time when the sheet is issued and upon the condition of normal handling and use. No warranty with regards to the properties and quality of this product is signified.

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Telephone number: +81-3-5600-1488

ISSUE DATE: February 20, 2024

1. Product: Violet Digiplate VDP-F175

2. Composition:

This product consists of a polyester base film, a hydrophilic layer and a water developable photosensitized polymer layer.

The main ingredients are:

Polyethylene terephthalate, Gelatin, Titanium dioxide, Amorphous silica, Polyvinyl alcohol,
Photosensitized polymer, Photopolymerization initiator, Colorant

3. Health and safety hazards:

There has been no report of health or safety concerns caused by this product with normal handling and use.

4. Fire hazards and fire fighting measures:

This product is not classified as a dangerous material defined in the Japanese Fire Service Law.

Combustion gases: Carbon dioxide, carbon monoxide, fumes and small amount of nitrogen oxides and sulfur oxides, etc. will be generated depending on the burning condition.

Fire fighting measures: Water spray, carbon dioxide, extinguishing powder or foam is used as an extinguishing medium. Wear protective equipments such as self-contained breathing apparatus depending on the fire situation.

5. Disposal considerations:

In general, it is recommended to separate this product from other waste streams to bring it into any available recycling system or to appropriately dispose of it in accordance with the regional regulations.

When this product is to be disposed of, incineration treatment or landfill through a licensed hauling company is recommended.

6. Transportation and storage considerations:

This product is not subject to dangerous material classification and labeling pertaining to transportation and storage.

Since this product is made of photosensitive material, it should be stored in a dark place at 25°C (77°F) or lower avoiding high temperature and high humidity.

7. Other information:

None

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ISSUE DATE: February 20, 2024

1. Product: Silver Digiplate SDP-FR100

2. Composition:

This product is manufactured by coating photosensitized materials composed of gelatin, silver halides etc., onto polyethylene terephthalate base.

The main ingredients are:

Polyethylene terephthalate, Gelatin, Silver halides, Hydroquinone

3. Health and safety hazards:

There has been no report of health or safety concerns caused by this product with normal handling and use. Hydroquinone is allergic substance so if handled with naked hands, wash hands with running water thoroughly.

4. Fire hazards and fire fighting measures:

This product is not classified as a dangerous material defined in the Japanese Fire Service Law.

Combustion gases: Carbon dioxide, carbon monoxide, fumes and small amount of nitrogen oxides and sulfur oxides, etc. will be generated depending on the burning condition.

Fire fighting measures: Water spray, carbon dioxide, extinguishing powder or foam is used as an extinguishing medium. Wear protective equipments such as self-contained breathing apparatus depending on the fire situation.

5. Disposal considerations:

In general, it is recommended to separate this product from other waste streams to bring it into any available recycling system or to appropriately dispose of it in accordance with the regional regulations.

When this product is to be disposed of, incineration treatment or landfill through a licensed hauling company is recommended.

6. Transportation and storage considerations:

This product is not subject to dangerous material classification and labeling pertaining to transportation and storage. Since this product is made of photosensitive material, it should be stored in a dark place at 25°C (77°F) or lower avoiding high temperature and high humidity.

7. Other information:

None

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Contact: Functional Materials Division
Telephone number: +81-3-5600-1488

ISSUE DATE: February 20, 2024

1. Product: Silver Digiplate SDP-FRS175

2. Composition:

This product is manufactured by coating photosensitized materials composed of gelatin, silver halides etc., onto polyethylene terephthalate base.

The main ingredients are:

Polyethylene terephthalate, Gelatin, Silver halides, Titanium dioxide, Hydroquinone

3. Health and safety hazards:

There has been no report of health or safety concerns caused by this product with normal handling and use.

Hydroquinone is allergic substance so if handled with naked hands, wash hands with running water thoroughly.

4. Fire hazards and fire fighting measures:

This product is not classified as a dangerous material defined in the Japanese Fire Service Law.

Combustion gases: Carbon dioxide, carbon monoxide, fumes and small amount of nitrogen oxides and sulfur oxides, etc. will be generated depending on the burning condition.

Fire fighting measures: Water spray, carbon dioxide, extinguishing powder or foam is used as an extinguishing medium. Wear protective equipments such as self-contained breathing apparatus depending on the fire situation.

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6. Transportation and storage considerations:

This product is not subject to dangerous material classification and labeling pertaining to transportation and storage.

Since this product is made of photosensitive material, it should be stored in a dark place at 25°C (77°F) or lower avoiding high temperature and high humidity.

7. Other information:

None

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Telephone number: +81-3-5600-1488

ISSUE DATE: February 20, 2024

1. Product: Silver Digiplate SDP-RR175

2. Composition:

This product is manufactured by coating photosensitized materials composed of gelatin, silver halides etc., onto polyethylene coated paper base.

The main ingredients are:

Wood free pulp, Polyethylene, Gelatin, Silver halides, Hydroquinone

3. Health and safety hazards:

There has been no report of health or safety concerns caused by this product with normal handling and use. Hydroquinone is allergic substance so if handled with naked hands, wash hands with running water thoroughly.

4. Fire hazards and fire fighting measures:

This product is not classified as a dangerous material defined in the Japanese Fire Service Law.

Combustion gases: Carbon dioxide, carbon monoxide, fumes and small amount of nitrogen oxides and sulfur oxides, etc. will be generated depending on the burning condition.

Fire fighting measures: Water spray, carbon dioxide, extinguishing powder or foam is used as an extinguishing medium. Wear protective equipments such as self-contained breathing apparatus depending on the fire situation.

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6. Transportation and storage considerations:

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7. Other information:

None

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Information provided by
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Telephone number: +81-3-5600-1488

ISSUE DATE: August 16, 2024

1. Product: Silver Master SLM-FIII/FIII100

2. Composition:

This product is manufactured by coating photosensitized materials composed of gelatin, silver halides etc., onto polyethylene terephthalate base.

The main ingredients are:

Polyethylene terephthalate, Gelatin, Silver halides, Titanium dioxide, Hydroquinone

3. Health and safety hazards:

There has been no report of health or safety concerns caused by this product with normal handling and use.

Hydroquinone is allergic substance so if handled with naked hands, wash hands with running water thoroughly.

4. Fire hazards and fire fighting measures:

This product is not classified as a dangerous material defined in the Japanese Fire Service Law.

Combustion gases: Carbon dioxide, carbon monoxide, fumes and small amount of nitrogen oxides and sulfur oxides, etc. will be generated depending on the burning condition.

Fire fighting measures: Water spray, carbon dioxide, extinguishing powder or foam is used as an extinguishing medium. Wear protective equipments such as self-contained breathing apparatus depending on the fire situation.

5. Disposal considerations:

In general, it is recommended to separate this product from other waste streams to bring it into any available recycling system or to appropriately dispose of it in accordance with the regional regulations.

When this product is to be disposed of, incineration treatment or landfill through a licensed hauling company is recommended.

6. Transportation and storage considerations:

This product is not subject to dangerous material classification and labeling pertaining to transportation and storage.

Since this product is made of photosensitive material, it should be stored in a dark place at 25°C (77°F) or lower avoiding high temperature and high humidity.

7. Other information:

None

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TOKYO 130-0026, JAPAN

Information provided by
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Department, Technology Division
Contact: Functional Materials Division
Telephone number: +81-3-5600-1488

ISSUE DATE: February 20, 2024

1. Product: Silver Master SDP-RIII

2. Composition:

This product is manufactured by coating photosensitized materials composed of gelatin, silver halides etc., onto polyethylene coated paper base.

The main ingredients are:

Wood free pulp, Polyethylene, Gelatin, Silver halides, Hydroquinone

3. Health and safety hazards:

There has been no report of health or safety concerns caused by this product with normal handling and use. Hydroquinone is allergic substance so if handled with naked hands, wash hands with running water thoroughly.

4. Fire hazards and fire fighting measures:

This product is not classified as a dangerous material defined in the Japanese Fire Service Law.

Combustion gases: Carbon dioxide, carbon monoxide, fumes and small amount of nitrogen oxides and sulfur oxides, etc. will be generated depending on the burning condition.

Fire fighting measures: Water spray, carbon dioxide, extinguishing powder or foam is used as an extinguishing medium. Wear protective equipments such as self-contained breathing apparatus depending on the fire situation.

5. Disposal considerations:

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When this product is to be disposed of, incineration treatment or landfill through a licensed hauling company is recommended.

6. Transportation and storage considerations:

This product is not subject to dangerous material classification and labeling pertaining to transportation and storage. Since this product is made of photosensitive material, it should be stored in a dark place at 25°C (77°F) or lower avoiding high temperature and high humidity.

7. Other information:

None