



# Product Specification

## Edible Image® Shimmer Ribbons™

Item Numbers: 45556, 45557, 45558, 45559, 45560, 45561, 45815, 45884, 46426, 46444, 47096, 47160, 47161

Issue Date: 8/21/2009

Revision Date: 3/10/2012

Page 1 of 5

### GENERAL DESCRIPTION:

Edible Image® Shimmer Ribbons™ are completely edible decorations for decorating many types of food. It is a moisture sensitive product made of completely edible ingredients. This product has been developed with shimmer in each design and looks like satin ribbons when applied to food products. When placed on food, it absorbs moisture and becomes soft, blending with the food. Edible Image® decorations have been produced on a coated backing paper.

### INGREDIENTS:

#### Gold Shimmer Ribbons™:

Tapioca Starch, Corn Syrup Solids, Microcrystalline Cellulose, Sugar, Water, Canola Oil, Glycerine, Titanium Dioxide, Polyglycerol Esters, Modified Corn Starch, Algin, Hydroxypropyl Methylcellulose, Mica, Citric Acid, Potassium Sorbate (preservative), Coconut Oil, Soy Lecithin, FD&C Yellow #5 Lake, Yellow #6 Lake, Red #40 Lake, Blue #1 Lake.

#### Silver Shimmer Ribbons™:

Tapioca Starch, Corn Syrup Solids, Microcrystalline Cellulose, Sugar, Water, Canola Oil, Glycerine, Titanium Dioxide, Polyglycerol Esters, Modified Corn Starch, Algin, Hydroxypropyl Methylcellulose, Mica, Citric Acid, Potassium Sorbate (preservative), Coconut Oil, Soy Lecithin, FD&C Yellow #6 Lake, Blue #1 Lake, Red #40 Lake.

#### Rose Pink Shimmer Ribbons™:

Tapioca Starch, Corn Syrup Solids, Microcrystalline Cellulose, Sugar, Water, Canola Oil, Glycerine, Titanium Dioxide, Polyglycerol Esters, Modified Corn Starch, Algin, Hydroxypropyl Methylcellulose, Mica, Citric Acid, Potassium Sorbate (preservative), Coconut Oil, Soy Lecithin, FD&C Red #40 Lake, Blue #1 Lake.

#### Lime Green Shimmer Ribbons™:

Tapioca Starch, Corn Syrup Solids, Microcrystalline Cellulose, Sugar, Water, Canola Oil, Glycerine, Titanium Dioxide, Polyglycerol Esters, Modified Corn Starch, Algin, Hydroxypropyl Methylcellulose, Mica, Citric Acid, Potassium Sorbate (preservative), Coconut Oil, Soy Lecithin, FD&C Yellow #5 Lake, Blue #1 Lake, Red #40 Lake.

#### Aqua Blue Shimmer Ribbons™:

Tapioca Starch, Corn Syrup Solids, Microcrystalline Cellulose, Sugar, Water, Canola Oil, Glycerine, Titanium Dioxide, Polyglycerol Esters, Modified Corn Starch, Algin, Hydroxypropyl Methylcellulose, Mica, Citric Acid, Potassium Sorbate (preservative), Coconut Oil, Soy Lecithin, FD&C Blue #1 Lake.

#### Classic Paisley Shimmer Ribbons™:

Tapioca Starch, Corn Syrup Solids, Microcrystalline Cellulose, Sugar, Water, Canola Oil, Glycerine, Titanium Dioxide, Polyglycerol Esters, Modified Corn Starch, Algin, Hydroxypropyl Methylcellulose, Mica, Citric Acid, Potassium Sorbate (preservative), Coconut Oil, Soy Lecithin, FD&C Red #40 Lake, Yellow #6 Lake, Blue #1 Lake.



# Product Specification

## Edible Image® Shimmer Ribbons™

Item Numbers: 45556, 45557, 45558, 45559, 45560, 45561, 45815, 45884, 46426, 46444, 47096, 47160, 47161

Issue Date: 8/21/2009

Revision Date: 3/10/2012

Page 2 of 5

### Black Shimmer Ribbons™:

Tapioca Starch, Corn Syrup Solids, Microcrystalline Cellulose, Sugar, Water, Canola Oil, Glycerine, Titanium Dioxide, Polyglycerol Esters, Modified Corn Starch, Algin, Hydroxypropyl Methylcellulose, Mica, Citric Acid, Potassium Sorbate (preservative), Coconut Oil, Soy Lecithin, FD&C Red #40 Lake, Yellow #6 Lake, Blue #1 Lake.

### Turquoise Shimmer Ribbons™:

Tapioca Starch, Corn Syrup Solids, Microcrystalline Cellulose, Sugar, Water, Canola Oil, Glycerine, Titanium Dioxide, Polyglycerol Esters, Modified Corn Starch, Algin, Hydroxypropyl Methylcellulose, Mica, Citric Acid, Potassium Sorbate (preservative), Coconut Oil, Soy Lecithin, FD&C Yellow #5 Lake, Blue #1 Lake.

### Red Shimmer Ribbons™:

Tapioca Starch, Corn Syrup Solids, Microcrystalline Cellulose, Sugar, Water, Canola Oil, Glycerine, Titanium Dioxide, Polyglycerol Esters, Modified Corn Starch, Algin, Hydroxypropyl Methylcellulose, Mica, Citric Acid, Potassium Sorbate (preservative), Coconut Oil, Soy Lecithin, FD&C Red #40 Lake, Red #3.

### Love Birds Shimmer Ribbons™:

Tapioca Starch, Corn Syrup Solids, Microcrystalline Cellulose, Sugar, Water, Canola Oil, Glycerine, Titanium Dioxide, Polyglycerol Esters, Modified Corn Starch, Algin, Hydroxypropyl Methylcellulose, Mica, Citric Acid, Potassium Sorbate (preservative), Coconut Oil, Soy Lecithin, FD&C Red #40 Lake, Red #3.

### Pearl Shimmer Ribbons™:

Tapioca Starch, Corn Syrup Solids, Microcrystalline Cellulose, Sugar, Water, Canola Oil, Glycerine, Titanium Dioxide, Polyglycerol Esters, Modified Corn Starch, Algin, Hydroxypropyl Methylcellulose, Mica, Citric Acid, Potassium Sorbate (preservative).

### Diva Shimmer Ribbons™:

Tapioca Starch, Corn Syrup Solids, Microcrystalline Cellulose, Sugar, Water, Canola Oil, Glycerine, Titanium Dioxide, Polyglycerol Esters, Modified Corn Starch, Algin, Hydroxypropyl Methylcellulose, Mica, Citric Acid, Potassium Sorbate (preservative), Coconut Oil, Soy Lecithin, FD&C Blue #1 Lake, Red #3, Red #40 Lake, Yellow #6 Lake.

### Elegant Swirl Shimmer Ribbons™:

Tapioca Starch, Corn Syrup Solids, Microcrystalline Cellulose, Sugar, Water, Canola Oil, Glycerine, Titanium Dioxide, Polyglycerol Esters, Modified Corn Starch, Algin, Hydroxypropyl Methylcellulose, Mica, Citric Acid, Potassium Sorbate (preservative), Coconut Oil, Soy Lecithin, FD&C Yellow #5 Lake, Red #3.

### E NUMBER OF INGREDIENTS:

**Colors** – Yellow #5 Lake (E102), Yellow #6 Lake (E110), Red #3 (E127), Red #40 Lake (E129), Blue #1 Lake (E133), Titanium Dioxide (E171)

**Emulsifiers, stabilizers, thickeners & gelling agents** – Soy lecithin (E322), Algin (E401), Locust Bean Gum (E410), Glycerine (E422), Microcrystalline Cellulose (E460), Polyglycerol Esters (E475), Hydroxypropyl Methylcellulose (E464)

**Preservatives** – Potassium Sorbate (E202)

**Others** – Modified Corn Starch (E1412), Citric Acid (E330)



# Product Specification

## Edible Image® Shimmer Ribbons™

Item Numbers: 45556, 45557, 45558, 45559, 45560, 45561, 45815, 45884, 46426, 46444, 47096, 47160, 47161

Issue Date: 8/21/2009

Revision Date: 3/10/2012

Page 3 of 5

### NUTRITIONAL INFORMATION (for all formulations):

#### Nutrition Facts

Serving Size 2 g

Calories 10

<u>Amount per Serving</u>		<u>% Daily Value*</u>
Total Fat	0g	0%
Saturated Fat	0g	0%
Trans Fatty Acids, Total	0g	0%
Sodium	0mg	0%
Total Carbohydrate	2g	1%
Sugars	1g	
Protein	0g	

\*percent Daily Values are based on a 2,000 calorie diet

### CHEMICAL:

- Moisture 8.95% +/- 0.25%

### RECOMMENDED STORAGE CONDITIONS:

- Temperature 80° F maximum
- Relative humidity 40% - 60%

### KOSHER:

- Products produced under the Edible Image® decoration brand have been manufactured under the supervision of the Kashruth Division of the Orthodox Union and are certified kosher pareve when bearing the OU symbol.

### PACKAGING SPECIFICATIONS:

- Each pouch contains 12 sheets of 6 ribbons (72 ribbons per box). Images and paper sheets are packaged in metalized polyester zipper pouch. The pouch is packaged in a box. The box is then packaged into a case.
- Number of boxes per case 12 boxes
- Each case will be labeled on 2 sides. The label contains the name, item number, date code, lot code.
- Lot code description – a six digit code, example 120112 means 12 = the year (2012 using last two digits), 01 = the month (January), and 12 = the day.

### GENETIC MODIFICATION STATEMENT:

- Products produced under the Edible Image® decoration brand have been manufactured using ingredients that are free from genetic modification. All ingredients have either supplier certification or have been tested by GENETIC ID of Fairfield, Iowa, to ensure they are not genetically modified.



# Product Specification

## Edible Image® Shimmer Ribbons™

Item Numbers: 45556, 45557, 45558, 45559, 45560, 45561, 45815, 45884, 46426, 46444, 47096, 47160, 47161

Issue Date: 8/21/2009

Revision Date: 3/10/2012

Page 4 of 5

### ALLERGEN STATEMENT:

- The following ingredients are not used in this facility and will not come into contact with the products being produced – Wheat, Milk, Eggs, Fish, Shell-fish (crustaceans), Peanuts, and/or Tree nuts.
- Soy Lecithin is used in some of the colors that are used in the facility and are listed in the ingredient statement of those products that contain the color. The equipment is cleaned after coming into contact with the soy lecithin to prevent cross contamination.
- FD&C Yellow #5 which has been identified as a chemical irritant is used in the facility and listed in the ingredient statements of those products that contain the color.

### SHELF LIFE:

- Edible Image® decorations are shelf stable. The shelf life of the product will be a minimum of 2 years when stored at the recommended storage conditions listed above. Product that is stored outside of the recommended conditions will not jeopardize the quality as long as the product remains dry. Product that is stored outside of the recommended conditions may have a reduced shelf life.

### COUNTRY OF ORIGIN:

- Made in the USA

Specification Approval:  
Megan Leifson, R&D and Quality Assurance Manager  
Date: March 10, 2012

Edible Image® is a registered trademark of The Lucks Company.  
Shimmer Ribbons™ is a trademark of The Lucks Company.



# Product Specification

## Edible Image® Shimmer Ribbons™

Item Numbers: 45556, 45557, 45558, 45559, 45560, 45561, 45815, 45884, 46426, 46444, 47096, 47160, 47161

Issue Date: 8/21/2009

Revision Date: 3/10/2012

Page 5 of 5

Artwork is not a color match:



Sheet layout of Shimmer Ribbons™  
72 ribbons per box



#45557 – Silver Shimmer Ribbons™



#45560 – Aqua Blue Shimmer Ribbons™



#45556 – Gold Shimmer Ribbons™



#46444 – Love Birds Shimmer Ribbons™



#45561 – Classic Paisley Shimmer Ribbons™