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SAFETY DATA SHEET

SolarFast Dyes by Jacquard Products

10/8/2015

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1. Identification of The Preparation and of The Company

Product Name and/or code: SolarFast Dyes - 14 Colors: 100 Golden Yellow, 101 Orange, 102 Burnt Orange, 103 Scarlet, 104 Red, 105 Violet, 106 Purple, 107 Blue, 108 Teal, 109 Green, 110 Avocado, 111 Sepia, 112 Brown & 113 Black

Revision Date: 10/08/2015

Manufacturer: Rupert, Gibbon & Spider, Inc.
1147 Healdsburg Avenue
Healdsburg, CA 95448 USA
Tel: +1-707-433-9577

Emergency Contact **Chemtrec** - 1-800-262-8200 (within the USA) | +1 703-741-5500 (from anywhere in the world)
Product Use: Arts & Crafts Materials

2. Hazards Identification

Classification of the Product: Preparation is not classified as hazardous in directive 1999/45/EC.

Regulation (EC) No. 1272/2008 Not classified as dangerous for supply/use.

Directive 67/548/EEC & Directive 1999/45/EC Not classified as dangerous for supply/use.

Label Elements

Precaution Statement: CAUTION! Contains mildly alkaline solution. Avoid eye and skin contact. Don't drink.

First Aid Statement If contact occurs, flush the area with water. If swallowed, contact a physician or Medical provider.

Children's Statement Keep out of reach of children.

Other Hazards: None

2. Composition/Information on Ingredients:

Substances: Colored Pigments. No hazardous ingredients present.

EC Classification No. 1272/2008

Hazardous Ingredient(s)	% W/W	REACH Registration No. Hazard Statement(s)
None		

EC Classification No. 67/548/EEC

Hazardous Ingredient(s)	% W/W	REACH Registration No. Hazard Statement(s)
None		

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3. First Aid Measures

General	In all cases where exposure occurs, or when symptoms and signs occur, seek medical attention.
Inhalation	Remove to fresh air. If breathing difficulty occurs or discomfort occurs and persists, seek medical attention.
Skin Contact	Wash immediately with soap and water. Rinse thoroughly.
Eye Contact	Flush the area with water, lifting the upper and lower lids until no evidence of product remains. Get medical attention.
Ingestion	Consult a physician if necessary. Never induce vomiting except as directed by competent medical authority.

5. Fire-fighting Measures

Flammability of the Product: N/A

Auto-Ignition Temperature: Non-ignitable

Flash Points: Non-combustible

6. Accidental Release Measures

Personal Precautions	Ventilate the area. Use personal protective equipment. Refer to section 8.
Methods and Materials for Containment and Cleaning up	Collect with suitable HEPA vacuum and dispose of in accordance with the waste disposal method outlined in section 13, "Disposal Considerations."

7. Handling and Storage

Safe Handling	General hygiene measures for the handling of chemicals are applicable. Eating, drinking, smoking, as well as food storage in the work room is not recommended. Avoid unnecessary contact.
Storage	Store in dry place, away from excessive heat, in original or similar container.

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8. Exposure Controls/Personal Protection

Engineering Controls Local exhaust or general dilution ventilation should be sufficient for most conditions.

Personal Protective Equipment

Eyes and Face Wear protective eye-goggles to avoid contact with eyes.

Respiratory Whenever inhalation cannot be controlled with ventilation or other engineering means, workers should wear respirators approved by NIOSH/MSHA, EU CEN or a comparable certification organization.

Protective clothing No special clothing is required.

9. Physical and Chemical Properties

Appearance A variety of colors

State (pH) +/- 10.2

Viscosity Not known

Flashpoint Not Flammable

Solubility in water Soluble

10. Stability and Reactivity

Chemical Stability Stable under normal conditions.

Thermal Decomposition No thermal decomposition when stored and handled correctly.

Hazardous Decomposition None known

Products

11. Toxicological Information

There are no data available on the preparation itself. The following is based on the Ingredients:

Eye Effects May cause irritation

Skin Effects May cause Irritation

Sensitization None likely to occur

Carcinogenicity:

NTP No

IARC No

OSHA No

12. Ecological Information

There are no data available on the preparation itself. However it is not expected to have significant environmental effects. No significant effects on aquatic organisms are expected when diluted.

13. Disposal Considerations

No special disposal methods are suggested. It is the user's responsibility to comply with all applicable local, state, and federal laws, rules, regulation and standards. Handle as a non-hazardous material.

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14. Transport Information

DOT: Not-Regulated

IMDG: Not-Regulated

IATA/ICAO: Not-Regulated

15. Regulatory Information

TSCA: The components of this product are listed on the TSCA Inventory.

SARA 313: This product is not subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.

SARA 312: Pure (100%) components of this product in powdered form (Dyes) are listed as an immediate (acute) health hazard. California Proposition 65: This product does not contain any chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm at concentrations that trigger the warning requirements of California Proposition 65.

This product is not subject to the German Ordinance that bans certain azo dyes or the 19th Amendment of the Council Directive 76/769/EEC.

16. Other Information

Reason for Issue:

New Product

Prepared by:

Rupert Gibbon & Spider, Inc.

1147 Healdsburg Rd

Healdsburg, CA 95448

800-442-0455 / +1-707-433-9577

Important: While the descriptions, designs, data and Information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data, and information furnished by Rupert, Gibbon & Spider, Inc. hereunder are given free and Rupert, Gibbon & Spider, Inc. assumes no obligation or liability for the description, designs, data and information given or results obtained, all such being given at no charge and accepted at your risk.

Revision Date: 10/08/15

Rupert, Gibbon & Spider, Inc.

Manufacturers of Jacquard Products

1147 Healdsburg Ave

Healdsburg, CA 95448

Phone: 707-433-9577

Chemtrec: 1-800-262-8200 (within the USA) | +1 703-741-5500 (from anywhere in the world)

1. PRODUCT IDENTIFICATION

PRODUCT NAME: SOLARFAST WASH

PRODUCT CODE NUMBER: 902

CHEMICAL FAMILY: TEXTILE AUXILARY

T.S.C.A STATUS: COMPLIANCE

2. HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS: PRODUCT IRRITANT

CURRENT TLV'S: NONE KNOWN

3. HAZARDS IDENTIFICATION

PRIMARY ROUTE OF EXPOSURE

INHALATION: NO
SKIN CONTACT: YES

SKIN ABSORPTION: NO
EYE CONTACT: YES

INGESTION: YES

CARCINOGEN STATUS

IARC: NO NTP: NO OSHA: NO

HMIS: 1
1
0
X

EFFECTS OF OVEREXPOSURE

None Known

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Irritating to the eyes. Prolonged skin contact may cause irritation. Ingestion may cause nausea, vomiting, or diarrhea. Inhalation may cause irritation of the nose, throat, and upper respiratory tract.

MEDICAL CONDITIONS AGGRAVATED

Persons with any pre-existing skin, eye or respiratory condition may be more susceptible to the effects of this product.

4. EMERGENCY AND FIRST AID PROCEDURES

GENERAL INFORMATION: IMMEDIATELY REMOVE ALL CONTAMINATED CLOTHING

EYE CONTACT Wash immediately with large amounts of water for 15 minutes, lifting the upper and lower lids until no evidence of product remain. Get medical attention immediately.

SKIN CONTACT Remove all contaminated clothing immediately. Wash immediately with soap and plenty of water. If a temporary skin reaction occurs, it should be treated as allergic contact dermatitis. Launder contaminated clothing before reuse.

INGESTION Induce vomiting by giving 2 glasses of water and place finger down throat. Get medical attention.

INHALATION If inhaled, remove to fresh air. If breathing is difficult, give oxygen. Call a physician.

5. FIRE AND EXPLOSION DATA

Flammability of the Product: N/A

Auto-Ignition Temperature: Non-ignitable

Flash Points: Non-combustible

6. SPILL OR LEAK PROCEDURES

IN CASE MATERIAL IS RELEASED/SPILLED:

Take up with sand or other non-combustible absorbent material or suitable vacuum and place into labeled sealable containers. For further disposal measures see section 13.

7. SPECIAL PRECAUTIONS AND STORAGE DATA

SAFE HANDLING: In accord with good industrial practice. Handle with care and avoid personal contact.

8. EMPLOYEE PROTECTION**RECOMMENDATIONS**

GENERAL PROTECTIVE MEASURES:

Avoid contact with eyes and skin. Immediately remove all contaminated clothing.

EYE PROTECTION Employees should wear protective eye-goggles with side protection shield.

SKIN PROTECTION Employees should avoid skin contact by wearing protective clothing. Long sleeve shirts, pants, gloves e.g. of PVC or nitrile rubber, and boots are recommended. Additional protections such as impervious suits are recommended when the potential for dermal contact is significant. Keep away from food and drink stuffs.

RESPIRATORY PROTECTION Whenever inhalation cannot be controlled with ventilation or other engineering means, workers should wear respirators approved by NIOSH/MSHA, EU CEN or a comparable certification organization.

VENTILATION Use local ventilation.

OTHER Wear overalls, apron or other protective clothing.

9. PHYSICAL DATA

APPEARANCE LIQUID
COLOR YELLOW
ODOR CHARACTERISTIC ODOR
SOLUBILITY IN WATER DISPERSIBLE
IGNITION TEMP..... N.A.
SPECIFIC GRAVITY 1.04
pH ND
%VOLATILE: VALUE: ND UNIT: % COMMENT:

10. REACTIVITY DATA

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.
HAZARDOUS POLYMERIZATION : Will not occur
STABILITY: Stable
CONDITIONS AND MATERIALS TO AVOID: Strong oxidizing agents

11. TOXICOLOGICAL DATA

ANIMAL TOXICITY ORAL- LD50 (INGESTION) NO DATA
FISH, LC50..... NO DATA
EYE EFFECTS NO DATA
SKIN EFFECTS NO DATA
SENSITIZATION NOT EXPECTED

12. ECOLOGICAL DATA

BIODEGRADABILITY: ND
BACTERIA TOXICITY: ND
COD: NO
AOX: ND

13. DISPOSAL CONSIDERATIONS

PRODUCT:.....If utilization or recycling of the product is not possible, it should be disposed of in accordance with existing federal, state and local environmental regulations, e.g. by incineration in a suitable plant. UNCLEANED PACKAGING: Soiled, empty containers are to be treated in the same way as the contents.

14. SHIPPING DATA

PROPER SHIPPING NAME: NON-HAZARDOUS
INK MATERIAL D.O.T. HAZARD
CLASSIFICATION: NOT REGULATED
FRT. CLASS PACKAGE: 55

15. REGULATORY DATA

US REGULATIONS:

TSCA: The components of this product are listed on the TSCA Inventory

SARA 313: This product is not subject to SARA Title ITI Section 313 reporting requirements under 40 CFR 372.

SARA 312:	Immediate (acute) health hazard	Yes
	Delayed (chronic) health hazard	No
	Fire hazard	No
	Sudden Release of Pressure	No
	Reactivity	No

CALIFORNIA PROPOSITION 65: This product does not contain any components currently on the California list of Known Carcinogens and reproductive Toxins.

16. OTHER INFORMATION

Rupert Gibbon and Spider, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in its directions for use, subject to inherent risks referred to in the material safety data sheet for this product. Rupert Gibbon and Spider, Inc. makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. In no case shall Rupert, Gibbon and Spider, Inc. be liable for consequential, special or indirect damages resulting from the use or handling of this product.

SAFETY DATA SHEET
SolarFast Thickener by Jacquard Products

10/8/2015

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1. Identification of the Preparation and Company

Product Name and/or code: SolarFast Thickener / 901

Revision Date: 10/08/2015
Manufacturer: Rupert, Gibbon & Spider, Inc.
1147 Healdsburg Avenue
Healdsburg, CA 95448 USA
Tel: +1-707-433-9577

Emergency Contact: **Chemtrec** - 1-800-262-8200 (within the USA) | +1 703-741-5500 (from anywhere in the world)
Product Use: Arts & Crafts Materials

2. Hazards Identification

Classification of the Product: Preparation is not classified as hazardous in directive 1999/45/EC.
Regulation (EC) No. 1272/2008 Not classified as dangerous for supply/use.
Directive 67/548/EEC & Directive 1999/45/EC Not classified as dangerous for supply/use.
Label Elements: None required
Other Hazards: None

3. Composition/Information on Ingredients

Substance:	SolarFast Thickener. No hazardous ingredients present.		
EC Classification No. 1272/2008			
Hazardous	% WW	REACH Registration	Hazard Statement(s)
None			
EC Classification No. 67/548/EEC			
Hazardous	% WW	REACH Registration	Hazard Statement(s)
None			

4. First Aid Measures

General	In all cases where exposure occurs, or when symptoms and signs occur, seek medical attention.
Inhalation	Remove to fresh air. If breathing difficulty occurs or discomfort occurs and persists, seek medical attention.
Skin Contact	Wash immediately with soap water. Rinse thoroughly.
Eye Contact	Flush area with water, lifting the upper and lower lids until no evidence of product remains. Get medical attention.
Ingestion	Drink water. Get medical attention. Never induce vomiting except as directed by competent medical authority.

5. Fire-fighting Measures

Flammability of the Product: N/A

Auto-Ignition Temperature: Non-ignitable

Flash Points: Non-combustible

6. Accidental Release Measures

Personal Precautions	Use personal protective equipment. Refer to section 8.
Methods and Materials for Containment and Cleaning up	Do not empty into drains or waters. Sweep up the spilled material and dispose of in accordance with the waste disposal method outlined in section 13, "Disposal Considerations."

7. Handling and Storage

Safe Handling	General hygiene measures for the handling of chemicals are applicable. Eating, drinking, smoking, as well as food storage in the work room is not recommended. Avoid unnecessary contact.
Storage	Store in dry place, away from heat, in original or similar container. Use local exhaust to control exposure to dust. Always use safe lifting techniques when manually moving containers, especially when handling containers weighing more than 50 pounds (22.7 kg).

8. Exposure Controls/ Personal Protection

Engineering Controls	Use local exhaust or general dilution ventilation.
Personal Protective Equipment	Wear protective eye-goggles to avoid contact with eyes.
Eyes and Face	Whenever inhalation cannot be controlled with ventilation or other engineering means, workers should wear respirators approved by NIOSH/MSHA, EU CEN or a comparable certification organization.
Respiratory	
Protective clothing	No special clothing is required.

9. Physical and Chemical Properties

Appearance	Colorless
State (pH)	9.5
Viscosity	Not known
Flashpoint	Not Flammable
Solubility in water	Soluble

10. Stability and Reactivity

Chemical Stability	Stable under normal conditions.
Thermal Decomposition	No thermal decomposition when stored and handled correctly.
Hazardous Decomposition	None known

11. Toxicological Information

There are no data available on the preparation itself. The following is based on the ingredients:

Eye Effects	Non-irritating
Skin Effects	Non-irritating
Sensitization	None likely to occur
<u>Carcinogenicity:</u>	
NTP	No
IARC	No
OSHA	No

12. Ecological Information

There are no data available on the preparation itself. However it is not expected to have significant environmental effects. No significant effects on aquatic organisms are expected when diluted.

13. Disposal Considerations

No special disposal methods are suggested. It is the user's responsibility to comply with all applicable local, state, and federal laws, rules, regulation and standards. Handle as a non-hazardous material.

14. Transport Information

DOT: Not-Regulated
IMDG: Not-Regulated
IATA/ICAO: Not-Regulated

15. Regulatory Information

TSCA: The components of this product are listed on the TSCA inventory.
SARA 313: This product is not subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.
SARA 312: This product is not subject to SARA Title III Section 312 reporting requirements under 40 CFR 372.
California Proposition 65: This product does not contain any chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm at concentrations that trigger the warning requirements of California Proposition 65.

16. Other Information

Reason for Issue: New Product

Prepared by: **Rupert Gibbon & Spider, Inc.**
1147 Healdsburg Rd
Healdsburg, CA 95448
800-442-0455 / +1-707-433-9577

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SolarFast Thickener by Jacquard Products

10/8/2015

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