

Jacquard Screen Inks

SDS No: All Colors Effective Date: 7/2/91 Amendatory Date: 06/06/15

1. Product and Company Identification

Product Name: Jacquard Screen Inks

Product Code:

100 Extender	117 Black	140 Process Yellow
101 Yellow	118 White	141 Process Magenta
102 Golden Yellow	119 Super Opaque White	142 Process Cyan
103 Orange	120 Gold	
104 Red	121 Solar Gold	
105 Bright Red	122 Silver	
106 Scarlet	123 Copper	
107 Magenta	124 Opaque Yellow	
108 Violet	125 Opaque Orange	
109 Sky Blue	126 Opaque Red	
110 Royal Blue	127 Opaque Violet	
111 Blue	128 Opaque Blue	
112 Navy	129 Opaque Green	
113 Turquoise	131 Opaque Brown	
114 Yellow Green	132 Opaque Navy	
115 Green	133 Opaque Rubine	
116 Brown	134 Opaque Ochre	

Company

Rupert, Gibbon & Spider, Inc.
 Manufacturers of Jacquard Products
 1147 Healdsburg Ave.
 Healdsburg, CA 95448

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 800-442-0455

2. Possible hazards:

Critical hazards to man and the environment: Non-Hazardous

3. Composition/information on ingredients:

Chemical nature: Formulated Polymer Product

4. First aid measures:

General advice: Remove contaminated clothing

If inhaled: Keep patient calm, remove to fresh air

On skin contact: Wash thoroughly with soap and water

On contact with eyes: Wash affected eyes for at least 15 minutes under running water. with eyelids help open, consult an eye specialist.

On ingestion: Rinse mouth and then drink plenty of water

5. Fire fighting measures:
Suitable extinguishing media: Water spray, dry extinguishing media, foam, carbon di-oxide (CO₂) Non-flammable and hence no fire hazard.

6. Accidental release measures:

Personal precautions: No special measures necessary

environmental precautions: Do not let product enter drains

Methods for clearing up: Contain with absorbent material and dispose. Clean with water.

7. Handling and storage:

Handling: Ensure thorough ventilation of stores and work areas

Protection against fire: No special measures necessary.
& Explosion

Storage: Keep tightly closed in a dry and cool place.

8. Exposure controls and personal protection

Personal protective equipment

Respiratory protection: Avoid breathing Vapor

Hand protection: Protective gloves

Eye protection: Goggles

General safety and hygiene measures: The usual precautions for the handling of chemicals must be observed.

9. Physical and chemical properties:

Odor: Acrylic Odor

Flash point: N/A

Ignition temperature: N/A

Explosion hazard: No explosion hazard

Vapor pressure: N/A

Solubility in water: Dispersible in water

10. Stability and reactivity

Conditions to avoid: Stable

Storage time: indefinitely

Hazardous reactions: None, provided product is correctly processed

11. Toxicological information: NON-TOXICAL

12. Disposal consideration

Product: Must be dumped or incinerated in accordance with local regulations

Contaminated packaging: Uncontaminated packs can be re-used. Packs that cannot be cleaned should be disposed of in the same manner as the contents.

13. Ecological information

General Notes:

Do not allow material to be released to the environment without proper Governmental permits.

14. Transport Information: Not a hazardous material for transportation.

DOT regulations

Hazard class Not regulated.

Land transport ADR/RID (Cross-border)

ADR/RID Class Not regulated.

Maritime transport IMDG

IMDG Class Not regulated.

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class Not regulated.

Transport/Additional information: Not dangerous according to the above specifications.

15. Regulations

Product related hazard information:

*Hazard symbols: Non-hazardous

*Safety phrases:

26 In case of contact with eyes, rinse immediately with plenty of water & seek medical advice.

36 Wear suitable protective clothing.

*National regulations:

All components of this product are listed in the U.S. Environmental Protection Agency Toxic Substances Control Act Chemical Substance Inventory.

*Information about limitation of use:

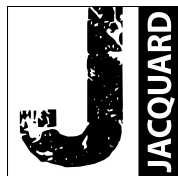
For use only by technically qualified individuals.

16. Other Information

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of the information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product conformance with this Material Safety Data Sheet, or in combination with any product or process, is the responsibility of the user.

Department issuing SDS: Safety and Environmental Department.

PS: The information-contained hereinabove is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulation.



SAFETY DATA SHEET

Revision Date: 9/17/20

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **Photo Emulsion & Diazo Sensitizer**

PRODUCT CODE NUMBER: JSI2130 & JSI3130

PRODUCT USE: emulsion for screen printing and photo imaging

SUPPLIER: RUPERT, GIBBON & SPIDER, INC.

1147 Healdsburg Ave., Healdsburg, CA 95448 USA 1-800-442-0455 / 707-433-9577

EMERGENCY: ChemTel, Inc. - Contract #MIS9128344

N.America: 1-800-255-3924 / International: 1-813-248-0585

SECTION 2 — HAZARDS IDENTIFICATION

This chemical is considered nonhazardous according to GHS classifications for the Hazard Communication Standard. Treat all laboratory chemicals with caution. Although this material is considered to be nonhazardous, unpredictable reactions among chemicals are always possible. Prudent laboratory practices should be observed.

According to Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010] According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture CLP • Skin Sensitization 1 - H317 Eye Irritation 2 - H319 Hazardous to the aquatic environment Chronic 3 - H412 EUH208 DSD/DPD • Irritant (Xi) Sensitizer R36, R43, R53

2.2 Label Elements CLP WARNING



Hazard statements

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H412 - Harmful to aquatic life with long lasting effects

Precautionary statements Prevention • P261 - Avoid breathing dust, fume, gas, mist, vapors and/or spray. P264 - Wash thoroughly after handling. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection. Response • P305+P351+P338 - IF IN EYES: Rinse cautiously with water for

several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention. P302+P352 - IF ON
SKIN: Wash with plenty of soap and water.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P321 - Specific treatment, see supplemental first aid information.
P363 - Wash contaminated clothing before reuse.
Storage/Disposal •

P501 - Dispose of content and/or container in accordance with local, regional, national,
and/or international regulations.



Risk phrases • R36 - Irritating to eyes. R43 - May cause sensitization by skin contact.
R53 - May cause long-term adverse effects in the aquatic environment.
Safety phrases • S24 - Avoid contact with skin. S37 - Wear suitable gloves. S45 - In case
of accident or if you feel unwell, seek medical advice immediately

(show the label where possible)

2.3 Other Hazards

CLP • No data available

DSD/DPD • No data available

UN GHS

According to Third Revised Edition

2.1 Classification of the substance or mixture

UN GHS • Skin Sensitization 1 - H317 Eye Irritation 2 - H319 Hazardous to the aquatic
environment Chronic 3 - H412

2.2 Label elements UN GHS

WARNING



Hazard statements •

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H412 - Harmful to aquatic life with long lasting effects

Precautionary statements

Prevention •

P261 - Avoid breathing dust, fume, gas, mist, vapors and/or spray.

P264 - Wash thoroughly after handling.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response •

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P321 - Specific treatment, see supplemental first aid information.

P363 - Wash contaminated clothing before reuse. Storage/Disposal •

P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations

2.3 Other hazards

UN GHS • No data available

United States (US) According to OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture OSHA HCS 2012 • Skin Sensitization 1 - H317 Eye Irritation 2 - H319

2.2 Label elements OSHA HCS 2012

WARNING



Hazard statements

- May cause an allergic skin reaction - H317 Causes serious eye irritation - H319
- Precautionary statements Prevention • Avoid breathing dust, fume, gas, mist, vapors and/or spray. - P261 Wash thoroughly after handling. - P264 Contaminated work clothing should not be allowed out of the workplace. - P272 Wear protective gloves/protective clothing/eye protection/face protection. - P280
- Response • IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. - P305+P351+P338 If eye irritation persists: Get medical advice/attention. - P337+P313 IF ON SKIN: Wash with plenty of soap and water. -

P302+P352 If skin irritation or rash occurs: Get medical advice/attention. -
 P333+P313 Specific treatment, see supplemental first aid information. -
 P321 Wash contaminated clothing before reuse. -
 P363 Storage/Disposal • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. -
 P501 2.3 Other hazards OSHA HCS 2012 • No data available
 Canada According to WHMIS

2.1 Classification of the substance or mixture WHMIS • No data available

2.2 Label elements

WHMIS • Other Toxic Effects - D2B

2.3 Other hazards

WHMIS • No data available

2.4 Other information



SECTION 3 — COMPOSITION INFORMATION ON INGREDIENTS

CAS Number	Formula	Formula Weight	Concentration
Polyvinyl Acetate	9003-20-7		25-55%
Polyvinyl Alcohol	9002-89-5	[CH ₂ CH(OH)] _n	Varies 18.00 12-35%
Bozoate Ester	propriety		5-18%
WATER	7732-18-5	H ₂ O	

Solution Polyvinyl alcohol Water Synonyms: Quieting solution; PVA solution
 WATER & BENZOATE ESTER

SECTION 4 — FIRST AID MEASURES

This chemical is considered nonhazardous according to GHS classifications for the Hazard Communication Standard. Treat all laboratory chemicals with caution. Although this material is considered to be nonhazardous, unpredictable reactions among chemicals are always possible. Prudent laboratory practices should be observed.

SECTION 5 — FIRE FIGHTING MEASURES

Nonflammable, noncombustible solution. NFPA CODE
 None establish In case of fire: Use a tri-class dry chemical fire extinguisher.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Contain spill with sand or absorbent material; deposit in sealed bag or container. See Sections 8 and 13 for further information.

Revision Date: FEBURARY 15, 2018

CHEMTREC Emergency Phone Number: (888-869-3666)

SECTION 7 — HANDLING AND STORAGE

Flinn Suggested Chemical Storage Pattern: Organic #2. Store with alcohols, glycols, amines and amides. Keep tightly closed. This substance will act as a growth media and should be kept cool. If you can, keep it in a plastic bag in the laboratory refrigerator

SECTION 8 — EXPOSURE CONTROLS PERSONAL PROTECTION

Wear protective gloves, protective clothing, and eye protection. Wash hands thoroughly after handling.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

BLUE, viscous liquid. Odorless.

SECTION 10 — STABILITY AND REACTIVITY

Shelf life: Poor, unless kept cool and uncontaminated

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute effects: N.A.

ORL-RAT LD50: 23,854 mg/kg (as PVA)

Chronic effects: N.A.

IHL-RAT LC50: N.A.

Target organs: N.A.

SKN-RBT LD50: N.A

N.A. = Not available, not all health aspects of this substance have been fully investigated.

SECTION 12 — ECOLOGICAL INFORMATION

Data not yet available

SECTION 13 — DISPOSAL CONSIDERATIONS

Please review all federal, state and local regulations that may apply before proceeding.

SECTION 14 — TRANSPORT INFORMATION

Shipping name: Not regulated. Hazard class: N/A. UN number: N/A.

N/A = Not applicable

SECTION 15 — REGULATORY INFORMATION

Not listed.

SECTION 16 — OTHER INFORMATION

This Safety Data Sheet (SDS) is for guidance and is based upon information and tests believed to be reliable.

RUPERT, GIBBON & SPIDER, INC.

REVISION DATE: 9/17/2020

The information contained in this SDS is based on data from sources considered to be reliable but Rupert, Gibbon & Spider, Inc. does not guarantee the accuracy or completeness thereof. Rupert, Gibbon & Spider, Inc. urges each customer or recipient of this SDS to study it carefully to become aware of and understand the hazards associated with this product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology or fire and understand the data in this SDS.