

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product Identifier**

Product name: Removable Water-based Resist

Product code: JAC1880, JAC2880 & JAC3880

Synonym: resist

Date: 11/22/2016

1.2. Intended Use of the Product

Use of the substance/preparation: colorant barrier for silk painting

1.3. Name, Address, and Telephone of the manufacturer

Contact Information:

Rupert Gibbon & Spider, Inc.

1147 Healdsburg Ave.

Healdsburg, CA 95448

800-442-0455

1.4. Emergency telephone number

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

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

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

SECTION 2: Hazards identification**CLASSIFICATION:**

OSHA 29CFR 1910.1200

Not a hazardous substance or mixture

REGULATION (EC) No 1272/2008

Not a hazardous substance or mixture

LABEL ELEMENTS:

OSHA 29CFR1910.1200

Not a hazardous substance or mixture

REGULATION (EC) No 1272/2008

Not a hazardous substance or mixture

EMERGENCY OVERVIEW

This product is an aqueous liquid and as such does not represent a fire hazard or immediate health hazard when properly handled. Do not ingest. Refer to the sections below concerning exposure risks and handling.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

<u>Name</u>	<u>Product identifier (CAS No.)</u>	<u>%</u>
Gum Arabic	9000-01-5	Proprietary*
Synthetic Hydrocarbon mixture	NJRTK # 80100348-5009P	Proprietary*
Synthetic Paraffin	#8002-74-2	Proprietary*
Carrageenan	#9000-07-1	Proprietary*

**The specific chemical concentration is being withheld as a trade secret*

SECTION 4: First aid measures**4.1.**

Eye contact Skin contact: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

In case of contact: immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation Ingestion Notes to physician: Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately. : Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately. : No specific treatment. Treat symptomatically. Call medical doctor.

SECTION 5: Firefighting measures

OSHA FLAMMABILITY CLASS: Non-combustible liquid.

SUITABLE EXTINGUISHING MEDIA: Carbon Dioxide, dry chemical or fine water spray. Avoid water stream on molten burning material as it may scatter and spread the fire.

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing approved by NIOSH. Watch footing on floors and stairs because of possible melting and spreading of material. Use spray to keep containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Flash point >400°F / 204°C. After water evaporation the solids will melt in proximity to fires causing slippery floors and stairs.



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SECTION 6: Accidental release measures

SMALL SPILL: Wipe the affected area and collect spilled material. Wash the affected area with water.

MAJOR SPILL: Do not let large volumes spills or leakage enter watercourse. May be toxic to aquatic life. Absorb with oil-dri or similar inert material. Sweep or scrape up and containerize. Report major leaks and spills to the appropriate local, state and federal government

SPECIAL PROTECTIVE EQUIPMENT: Wear appropriate PPE such as respiratory, safety glasses, rubber safety gloves and appropriate clothing to avoid absorption through skin, contact with eyes or inhalation, if product is being used in large volumes.

SECTION 7: Handling and storage

SPECIAL HANDLING AND STORAGE: (Always wear recommended personal protective equipment.) Avoid breathing fumes from heating operations. Avoid spillage which can cause very slippery conditions on floors.

Use good personal hygiene and housekeeping.

STORAGE RECOMMENDATIONS:

Avoid excessive heat. Keep from freezing.

**SECTION 8: Exposure controls/personal protection**

ENGINEERING CONTROLS: Adequate ventilation is normally required when handling or using this material.-- If vapor, or mist is generated, provide local exhaust ventilation to prevent airborne exposure. **PERSONAL PROTECTIVE EQUIPMENT**

EYES AND FACE: Avoid eye contact. Wear safety spectacles, goggles or, for larger quantities, a full face mask.

SKIN: Skin contact should be minimized through the use of gloves and suitable long-sleeved clothing and protective apron.

PROTECTIVE CLOTHING: Gloves, coveralls, apron and boots - as necessary to prevent skin contact.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Appearance: White / Off White

Upper/lower flammability or explosive limits: No data available

Odor: Typical wax / gum odor

Vapor pressure: Heavier than air.

Odor threshold: No data available

Vapor density: No data available

pH: 8.5-9.5

Relative density: No data available

Relative evaporation rate (butyl acetate=1): No data available

Melting point: 259°F/146°C

Freezing point: No data available

Boiling point: > 100°C

Solubility: Miscible with water

Initial boiling point and boiling range: No data available

Flash Point: >400°F / 204°C COG

Evaporation rate: No data available

Flammability (solid, gas): No data available

Partition coefficient: n-octanol/water: No data available

Auto-ignition temperature: No data available

Decomposition Temperature: No data available

Viscosity, kinematic: No data available

Viscosity, dynamic: No data available

Relative vapor density at 20 °C: No data available

Log Pow: Soluble in water.

Log Kow: No data available

Explosive properties: No data available

Oxidizing properties: No data available

9.2. Other information No additional information available



SECTION 10: Stability and reactivity

10.1. Reactivity

Stable at ambient temperature and under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Protect from moisture. Use good housekeeping practices during storage, transfer, handling, to avoid excessive dust accumulation.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Under conditions of fire this material may produce: Carbon oxides (CO, CO₂).

SECTION 11: Toxicological information

11.1. Toxicological information

No adverse health effects expected if the product is handled in accordance with this SDS and product label. Symptoms or effects that may arise if the product is misused and overexposure occurs are:

Swallowed: Small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may cause digestive discomfort.

Eye: Direct contact may irritate seriously with moderate to severe redness, swelling and some corneal injury lasting several days to a week

Skin: A single exposure (less than 24 hrs.) may irritate. Repeated, prolonged contact (24 - 48 hrs.) may cause moderate irritation.

Inhalation: This product has extremely low vapor pressure and hence inhalation is unlikely as a route of over exposure. The odor of the product irritates the eyes and nose slightly

SECTION 12: Ecological information

12.1. Toxicity No additional information available

12.4. Mobility in soil No additional information available

12.5. Other adverse effects

Other information: Avoid release to the environment.



SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

SECTION 14: Transport information

In accordance with ICAO/IATA/DOT/TDG

14.1. UN number Not applicable

14.2. UN proper shipping name Not regulated for transport.

14.3. Additional information

Other information: No supplementary information available.

Overland transport Not regulated for transport.

Transport by sea Not regulated for transport.

Air transport Not regulated for transport.



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SECTION 15: Regulatory information

COMPLETE AND CURRENT REGULATORY INFORMATION IS AVAILABLE UPON REQUEST. (RSS FORM).

REACH: Registration and compliance pending.

T.S.C.A: This product or its components are listed on the TSCA Inventory. This product or its components do not contain any chemicals subject to any rules or orders under TSCA sections 4, 5, 6, 7, or 8(d).

CALIFORNIA PROP 65 INFORMATION: Not Regulated.

WHMIS CLASSIFICATION (CANADA): Not subject to WHMIS regulations.

SARA TITLE III: This product is subject to SARA Title III reporting?

Section 311/312- Immediate/Acute Health (irritant): YES Section 302-

Contains an extremely hazardous substance: NO

Section 313- This product does not contain any toxic chemical listed under Sec.313 of the Emergency Planning and Community Right-To-Know Act of 1986.

CLEAN WATER ACT- Priority Pollutants: Contains no known priority pollutants at concentrations greater than 0.1%.

SECTION 16: Other information

Data sources:

This document has been prepared in accordance with the SDS Requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

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.