

**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:

**Dharma Trading Co.**

1805 South McDowell

Boulevard Ext.

Petaluma, CA 94954

**800-542-5227**

**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**

<b>Name</b>	<b>Product identifier (CAS No.)</b>	<b>%</b>
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.

**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.



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**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.

**Oder 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, CO<sub>2</sub>).

**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.



**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.