

SAFETY DATA SHEET (SDS)

Removable Water-based Resist - Pg 1

Revision Date: 04/08/2019

SECTION 1 - CHEMICAL, PRODUCT & COMPANY INFORMATION

Product Name:	REMOVABLE WATER-BASED RESIST	
Product Number/Code:	JAC1880, JAC2880, JAC3880	
Recommended Use:	Colorant barrier for silk painting	
Restrictions on use:	None known	
Emergency Number:	ChemTel, Inc. - Contract #MIS9128344	
	North America: 1-800-255-3924	International: 1-813-248-0585

SECTION 2 - HAZARD(S) IDENTIFICATION

This product is not considered to be or contain hazardous chemicals based on evaluations made by our company under the OSHA Hazard Communication Standard, reference 29 CFR 1910.1200.	
Toxicological Data on Ingredients:	
Hazard Classification	Not hazardous
Physical Hazards:	Not classified
Health Hazards:	Not classified
Environmental Hazards:	Not classified
Label Elements	
Pictogram:	None
Signal Words:	None
Hazard Statements-EU:	The mixture does not meet the criteria for classification.
Precautionary Statements-EU:	
Prevention:	See section 8
Response:	See sections 4, 5 & 6
Storage:	See section 7
Disposal:	See section 13
Hazard(s) not otherwise classified:	None known

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical identity	Content in percent (%)*	CAS #
Gum Arabic	Proprietary*	9000-01-5
Synthetic Hydrocarbon Mixture	Proprietary*	NJRTK# 80100348-5009P
Synthetic Paraffin	Proprietary*	8002-74-2
Carrageenan	Proprietary*	90000-07-1

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

SECTION 4 - FIRST AID MEASURES

Description of first aid measures:	
In the event of skin 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.
In the event of eye contact:	Check for an remove 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 the event of swallowing:	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.
In the event of exposure by inhalation:	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.
Indication of any immediate medical attention and special treatment needed:	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

Personal precautions, protective equipment and emergency procedures:	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.
Methods and material for containment and clean up:	<p>Small spill: Wipe the affected area and collect spilled material. Wash the affected area with water.</p> <p>Major spill: Do not let large volume 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.</p>

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling:	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.
Conditions for safe storage including any incompatibilities:	Avoid excessive heat. Keep from freezing.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:	
Appropriate 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.
Individual protection measures, such as personal protective equipment:	
Eye/face protection:	Avoid eye contact. Wear safety spectacles, goggles or, for larger quantities, a full face mask.
Skin protection:	Skin contact should be minimized through the use of gloves and suitable long-sleeved clothing and protective apron.
Hand protection:	Gloves
Other protective equipment:	Gloves, overalls, apron and boots, as necessary, to prevent skin contact.



SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

General information:	
Appearance and physical state:	Liquid
Color:	White/Off-white
Type of Odor:	Typical wax/gum odor
Odor threshold:	No data available
Important health, safety and environmental information:	
Initial Boiling Point and Boiling Range:	100°C
Melting Point/Freezing Point:	Melting Point: 259°F / 146°C / Freezing Point: No data available
Flammability Classification:	No data available
Flash Point:	>400°F / 204°C COG
Auto-ignition Temperature:	No data available
Decomposition Temperature:	No data available
Flammability Limits (lower/upper):	No data available
Evaporation rate:	No data available
Vapor Pressure:	Heavier than air
Vapor Density (Air=1):	No data available
Octanol/Water Partition Coefficient (log Pow):	Soluble in water
Specific Gravity:	No data available
Bulk Density:	No data available
Water Solubility:	Soluble in water
pH:	8.5-9.5
Viscosity:	No data available
Explosive Properties:	No data available
Oxidizing Properties:	No data available
Molecular Formula:	No data available
Molecular Weight:	No data available
Relative Density:	No data available

SECTION 10 - STABILITY AND REACTIVITY

Reactivity:	Stable at ambient temperature and under normal conditions of use.
Stability:	Stable under normal conditions.
Possibility of hazardous reactions:	Hazardous polymerization will not occur.
Conditions to avoid:	Direct sunlight. Extremely high or low temperatures. Protect from moisture. Use good housekeeping practices during storage, transfer and handling to avoid excessive dust accumulation.
Incompatible materials:	Strong acids. Strong bases.
Hazardous decomposition products:	Under conditions of fire this material may produce: Carbon oxides (CO, CO ₂).

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on toxicological effects:	
Acute toxicity (list all possible routes of exposure)	
Acute Oral Toxicity:	No information available
Acute Dermal Toxicity:	No information available
Acute Inhalation Toxicity:	No information available
Skin Corrosion/Irritation:	Not classified
Serious Eye Damage / Eye Irritation:	Not classified
Respiratory or Skin Sensitization:	Not classified
Germ Cell Mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive Toxicity:	Not classified
Specific Target Organ Toxicity - single exposure (STOT-se):	Not classified
Specific Target Organ Toxicity - repeated exposure (STOT-re):	Not classified
Aspiration Hazard:	Not classified
Potential Health Effects:	
Skin Contact:	Dust may cause minor irritation in skin folds or by contact in combination with tight clothing.
Eye Contact:	Dust from this product may cause minor eye irritation.
Ingestion:	No information available
Inhalation:	Prolonged inhalation of dust may cause minor respiratory irritation.
Chronic Health Effects:	No information available
Additional Data:	No information available

SECTION 12 - ECOLOGICAL INFORMATION

Toxicity:	
Acute/prolonged toxicity to fish:	No information available
Acute/prolonged toxicity to aquatic invertebrates:	No information available
Acute/prolonged toxicity to aquatic plants:	No information available
Additional information:	Avoid release into the environment

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste treatment methods:	
Disposal:	Dispose of waste material in accordance with all local, regional, national and international regulations.

SECTION 14 - TRANSPORT INFORMATION

General Information:	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).
UN number:	Not relevant
UN proper shipping name:	Not relevant
Transport hazard class:	Not relevant
Packing group:	Not relevant
Environmental Hazards:	
Environmentally hazardous substance:	No
Special precautions for user:	Not relevant

SECTION 15 - REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:		
Hazard categories		
TSCA	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, Section 311/312:	Immediate/Acute Health (irritant):	Yes
	Contains an extremely hazardous substance:	No
SARA Title III, Section 313:	This product does not contain any toxic chemical listed under Section 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

HMIS Hazard ID:	
Health:	No information available
Flammability:	No information available
Reactivity:	No information available
Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; *Chronic health effect	

Disclaimer:

The information contained in this SDS is based on data from sources considered to be reliable but Dharma Trading Co. does not guarantee the accuracy or completeness thereof. Dharma Trading Co. 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.

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National Chemical Inventories:

All components of this product are listed on the following chemical substance inventories: TSCA (USA)

DSL	(Canada)
EINECS	(Europe)
ENCS	(Japan) ECL
	(Korea)
AICS	(Australia) NZIoC
	(New Zealand)
PICCS	(Philippines)
IECSC	(China)



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Abbreviations:	
ACGIH	American Conference of Governmental Industrial Hygienists
ADR	International carriage of Dangerous goods by Road
AICS	Australian Inventory of Chemical Substances
ATE	Acute Toxicity Estimate
BfR	Bundesinstitut für Risikobewertung recommendations for food contact materials
BCF	Bioconcentration Factor
BOD5	5-day Biochemical Oxygen Demand
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CLP	Classification, Labeling and Packaging regulation
COD	Chemical Oxygen Demand DOT Department of Transportation DSL Domestic Substances List
EINECS	European Inventory of Existing Chemical Substances
ECL	Existing Chemicals List (Korea)
ENCS	Existing and New Chemical Substances Inventory (Japan)
EN 689	Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy.
ERG	Emergency Response Guide
GHS	Globally Harmonized System
HMIS	Hazardous Materials Information System IARC International Agency for Research on Cancer IATA International Air Transport Association
ICAO	International Civil Aviation Organization IDLH Immediately Dangerous to Life and Health IMDG International Maritime Dangerous Goods
LD50	Lethal Dose to 50% of test animal population
MAK	Maximale Arbeitsplatz Konzentration
NTP	National Toxicology Program
OEL	Occupational Exposure Limit
OSHA	Occupational Safety & Health Administration
PBT	Persistent, Bioaccumulative and Toxic vPvB Very Persistent and Very Bioaccumulative PEL Permissible exposure limit
PICCS	Philippine Inventory of Commercial Chemical Substances
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation and Authorization of Chemical Substances
RID	International carriage of dangerous goods by Rail SARA Superfund Amendments and Reauthorization Act STEL Short Term Exposure Limit
SVHC	Substance of Very High Concern
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
VOC	Volatile Organic Compound
WGK	Wassergefährdungsklasse (Water Hazard Class) WHMIS Workplace Hazardous Material Identification System