

SAFETY DATA SHEET (SDS)

Damar Resin - Pg 1

Revision Date: 07/17/2019

SECTION 1 - CHEMICAL, PRODUCT & COMPANY INFORMATION

Product Name:	DAMAR RESIN	
Product Number/Code:	9901511	
Recommended Use:	Artist medium	
Description:	Tree resin, vegetable resin	
Synonym(s):	Damar Resin Crystals	
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 #	EINECS No.
Damar crystals	100%	9000-16-2	232-528-4

SECTION 4 - FIRST AID MEASURES

Description of first aid measures:	
In the event of skin contact:	Wash off with soap and warm water. Seek medical attention if irritation persists.
In the event of eye contact:	Rinse with plenty of water; also under eyelids, for at least 15 minutes. Seek medical attention if irritation persists.
In the event of swallowing:	Not for human consumption. Health injuries are not known or expected under normal use. If appreciable quantities are swallowed, seek medical attention.
In the event of exposure by inhalation:	Not possible under normal conditions. If exposed to high dust concentration, remove person to fresh air. If breathing stops, administer artificial respiration and seek medical attention.
Most important symptoms and effects, acute and delayed:	When symptoms persist or in all cases of doubt, seek medical advice.
Indication of any immediate medical attention and special treatment needed:	Notes to Physician: Special forms of treatment and immediate attention are not specified. Treat symptomatically.

SECTION 5 - FIREFIGHTING MEASURES

Suitable extinguishing media:	Dry Chemical, Carbon Dioxide (CO ₂), Dry Powder, Foam, Fog, Sand. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media:	Water
Special hazards arising from the substance or mixture:	Thermal decomposition can lead to release of irritating gases and vapors, Carbon Monoxide (CO), Carbon Dioxide (CO ₂).
Advice for fire fighters:	Do not stay in dangerous zone without self-contained breathing apparatus and full protective clothing.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Not applicable
Methods and material for containment and clean up:	Take up dry. Forward for disposal. Clean up affected area. Recover material for use or proper disposal as non-hazardous waste.
Environmental procedures:	Do not allow to enter sewage system.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling:	Avoid creating dust clouds and breathing dust when handling.
Conditions for safe storage including any incompatibilities:	Store under hygienic conditions in a cool and dry place. Incompatibilities: not applicable.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:	
Occupational exposure limits:	None required under normal use.
Recommended monitoring procedures:	None required under normal use.
Exposure controls:	None required under normal use.
Appropriate engineering controls:	None required under normal use.
Individual protection measures, such as personal protective equipment:	
Eye/face protection:	None required under normal use.
Skin protection:	None required under normal use.
Hand protection:	None required under normal use.
Other protective equipment:	Not applicable
Environmental exposure controls:	No data
Respiratory protection:	Required when dusts are generated.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

General information:	
Appearance and physical state:	Amber colored solid
Color:	White or brown
Type of Odor:	Slight characteristic balsamic odor
Odor threshold:	No information available
Important health, safety and environmental information:	
Initial Boiling Point and Boiling Range:	No information available
Melting Point/Freezing Point:	100°-150°C (melting range)
Flammability Classification:	
Flash Point:	Not applicable
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Flammability Limits (lower/upper):	No information available
Evaporation rate:	Non-volatile
Vapor Pressure:	No information available
Vapor Density (Air=1):	Not applicable
Octanol/Water Partition Coefficient (log Pow):	No information available
Specific Gravity:	No information available
Bulk Density:	No information available
Water Solubility:	Insoluble in water; soluble in chloroform, toluene, light petroleum, carbon disulphide.
pH:	Not applicable
Viscosity:	No information available
Explosive Properties:	Not applicable
Oxidizing Properties:	No information available
Molecular Formula:	No information available
Molecular Weight:	No information available
Relative Density:	1.05

SECTION 10 - STABILITY AND REACTIVITY

Reactivity:	Stable under normal conditions.
Stability:	Stable under normal conditions.
Possibility of hazardous reactions:	Hazardous polymerization does not occur.
Conditions to avoid:	Fire, excessive heat
Incompatible materials:	No materials to be especially mentioned
Hazardous decomposition products:	Carbon Monoxide, Carbon Dioxide

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on toxicological effects:	
Acute toxicity (list all possible routes of exposure)	
Acute Oral Toxicity:	Based on available data, no evidence of acute toxicity.
Acute Dermal Toxicity:	Based on available data, not expected to irritate.
Acute Inhalation Toxicity:	Based on available data, no known aspiration hazard.
Skin Corrosion/Irritation:	Based on available data, not expected to irritate.
Serious Eye Damage / Eye Irritation:	Based on available data, no evidence of serious eye damage /irritation.
Respiratory or Skin Sensitization:	Based on available data, not expected to be a skin/respiratory sensitizer.
Germ Cell Mutagenicity:	No information available
Carcinogenicity:	No information available
Reproductive Toxicity:	No information available
Specific Target Organ Toxicity - single exposure (STOT-se):	Based on available data, the classification criteria are not met.
Specific Target Organ Toxicity - repeated exposure (STOT-re):	Based on available data, the classification criteria are not met.
Aspiration Hazard:	Based on available data, no known aspiration hazard.
Potential Health Effects:	
Skin Contact:	Prolonged contact may cause local irritation
Eye Contact:	May cause severe eye injury
Ingestion:	No information available
Inhalation:	Avoid breathing dust
Chronic Health Effects:	No information available
Additional Data:	Acute Toxicity: No exposure limits noted for ingredients.

SECTION 12 - ECOLOGICAL INFORMATION

Toxicity:	
Acute/prolonged toxicity to fish:	Contains no substances known to be hazardous to the environment.
Acute/prolonged toxicity to aquatic invertebrates:	Contains no substances known to be hazardous to the environment.
Acute/prolonged toxicity to aquatic plants:	Contains no substances known to be hazardous to the environment.
Toxicity to bacteria, to soil dwelling organisms and to terrestrial plants:	Contains no substances known to be hazardous to the environment.
Chronic toxicity to aquatic organisms:	Contains no substances known to be hazardous to the environment.
General effect:	Contains no substances known to be hazardous to the environment.
Persistence and degradability:	Contains no substances known to be hazardous to the environment.
Bioaccumulative potential:	Contains no substances known to be hazardous to the environment.
Mobility in soil:	Contains no substances known to be hazardous to the environment.
Results of PBT and vPvB assessment (EC reg. 453/2010):	Contains no substances known to be hazardous to the environment.
German WGK classification:	Contains no substances known to be hazardous to the environment.
Other adverse effects:	Contains no substances known to be hazardous to the environment.
Additional information:	Contains no substances known to be not degradable in waste water treatment plants.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste treatment methods:	
Disposal:	Dispose of in compliance with the laws and regulations pertaining to this product in your jurisdiction.
Container Disposal:	Dispose of container same as product.

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	
California Proposition 65:	This product is not known to contain chemicals listed under Prop 65.
Canada:	Not a WHMIS-controlled product.

SECTION 16 - OTHER INFORMATION

HMIS Hazard ID:	
Health:	I
Flammability:	I
Reactivity:	0
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)

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