



GILDERS SPECIALTY PRODUCTS

SAFETY DATA SHEET

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1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product code

DV Series

Product name

Damar Varnish

Product category

Protective Varnish

Other means of identification

Synonyms

None

Recommended use of the chemical and restrictions on use

Recommended use

Protective coating / varnish for gilding and decorative work.

Details of the supplier of the safety data sheet

UNITED STATES

Gilders Specialty Products
60480 Christy Lane
Angie, La 70426
Tel: **1-800-531-3359**

www.gildersspecialtyproducts.com

Emergency telephone number

USA: Chemtrec: +001-800-424-9300
Outside USA: Chemtrec: +001-703-527-3887
24 Hour Emergency Phone Number

2. HAZARDS IDENTIFICATION

Classification

Flammable liquids	Category 3 - (H226)
Acute toxicity, oral	Category 4 - (H302)
Acute toxicity, dermal	Category 4 - (H312)
Acute toxicity, inhalation	Category 4 - (H332)
Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2A - (H319)
Skin sensitization	Category 1 - (H317)
Aspiration toxicity	Category 1 - (H304)
Chronic aquatic toxicity	Category 2 - (H411)

Label elements**Signal Word**

Danger

Hazard Statements

H226 - Flammable liquid and vapor

H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled

H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H411 - Toxic to aquatic life with long lasting effects

Precautionary Statements

P210 - Keep away from heat, sparks, open flames and hot surfaces. No smoking

P261 - Avoid breathing vapours

P280 - Wear protective gloves, eye protection and face protection

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor

P331 - Do NOT induce vomiting

P370+P378 - In case of fire: use foam, dry chemical or carbon dioxide to extinguish

P403+P235 - Store in a well-ventilated place. Keep cool

P501 - Dispose of contents/container in accordance with local regulations

3. COMPOSITION/INFORMATION ON INGREDIENTS
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Mixture

Mixture of natural damar resin dissolved in pure gum turpentine.

Component	CAS-No	Weight %	Trade Secret	Note
Damar resin	9000-16-2	*	*	
Turpentine, oil (pure gum turpentine)	8006-64-2	*	*	

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures**General Advice**

Show this safety data sheet to the doctor in attendance.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. If eye irritation persists, get medical attention.

Skin Contact

Wash with plenty of soap and water. Remove contaminated clothing. If skin irritation or rash occurs, get medical advice.

Inhalation

Move victim to fresh air. If breathing is difficult, give oxygen. Get medical attention if symptoms persist.

Ingestion

Do NOT induce vomiting - aspiration hazard.
Immediately call a POISON CENTER or doctor.
Rinse mouth.

Most important symptoms and effects, both acute and delayed

Causes skin and serious eye irritation. May cause allergic skin reaction. Harmful if swallowed, in contact with skin or if inhaled. May be fatal if swallowed and enters airways.

Indication of any immediate medical attention and special treatment needed**Notes to Physician**

Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Foam, dry chemical powder, carbon dioxide.

Unsuitable Extinguishing Media

Do not use a solid water stream - may spread fire.

Specific Hazards Arising from the Chemical

Flammable liquid and vapour. Vapours may form explosive mixtures with air and travel to ignition sources. Combustion may produce carbon monoxide, carbon dioxide and irritating fumes.

Protective Equipment and Precautions for Firefighters

Wear self-contained breathing apparatus and full protective clothing. Cool closed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures****Personal Precautions**

Evacuate unnecessary personnel. Eliminate all ignition sources. Avoid breathing vapours. Wear protective gloves, eye protection and suitable protective clothing. Ensure adequate ventilation.

Environmental precautions

Prevent entry into drains, sewers and waterways. Toxic to aquatic life with long lasting effects.

Methods and material for containment and cleaning up

Contain spill with inert absorbent material (sand, earth, vermiculite). Collect in suitable closed containers for disposal. Clean the area with detergent and water.

7. HANDLING AND STORAGE**Precautions for safe handling****Handling**

Keep away from heat, sparks, open flames and hot surfaces. No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical and ventilating equipment. Use only non-sparking tools. Avoid breathing vapours. Avoid contact with skin and eyes. Wash hands thoroughly after handling.

Conditions for safe storage, including any incompatibilities**Storage**

Store in a well-ventilated, cool place. Keep container tightly closed. Keep away from oxidizing agents, strong acids and strong bases. Keep out of the reach of children.

Incompatible Products

Strong oxidizing agents. Strong acids. Strong bases.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters**Exposure limits**

Component	ACGIH TLV	OSHA PEL
Turpentine, oil 8006-64-2	TWA: 20 ppm	TWA: 100 ppm (560 mg/m3)

Appropriate engineering controls**Engineering Measures**

Provide a good standard of general ventilation. Use explosion-proof ventilation in enclosed areas. In case of insufficient ventilation, wear suitable respiratory equipment.

Individual protection measures, such as personal protective equipment**Eye/Face Protection**

Wear safety goggles or face shield. Ensure that eyewash stations and safety showers are close to the workstation location.

Skin Protection

Wear chemical-resistant gloves (e.g. nitrile) and suitable protective clothing, including boots, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory Protection

If ventilation is inadequate or exposure limits may be exceeded, wear a NIOSH-approved respirator for organic vapours.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice. Wash hands before eating, drinking or smoking. Wash contaminated clothing before reuse. Avoid contact with eyes, skin and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES
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Information on basic physical and chemical properties

Physical State	Liquid	Appearance	Amber liquid
Odor	Characteristic pine / turpentine	Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	
Melting Point / Freezing Point	No data available	

Boiling Point / Boiling Range	Approx. 150 - 180 °C (turpentine component)
Flash Point	Approx. 35 °C / 95 °F, closed cup (turpentine component)
Evaporation rate	No data available
Flammability Limit in Air	
Upper flammability limit	No data available
Lower flammability limit	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	Approx. 0.86 - 0.90
Water Solubility	Insoluble
Solubility in other solvents	No data available
Partition coefficient: n-octanol/water	No data available
Autoignition Temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available
Explosive Properties	Vapours may form explosive mixtures with air
Oxidizing Properties	No data available

10. STABILITY AND REACTIVITY

Reactivity

No dangerous reactions known under normal conditions.

Chemical stability

Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions

Vapours may form explosive mixtures with air.

Conditions to avoid

Heat, sparks, open flames and other ignition sources.

Incompatible materials

Strong oxidizing agents. Strong acids. Strong bases.

Hazardous Decomposition Products

Carbon monoxide, carbon dioxide and irritating fumes when burned.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation	Harmful if inhaled (turpentine component).
Eye Contact	Causes serious eye irritation.
Skin Contact	Causes skin irritation. May cause an allergic skin reaction.
Ingestion	Harmful if swallowed. May be fatal if swallowed and enters airways.

Information on toxicological effects**Symptoms**

Causes skin and serious eye irritation. May cause allergic skin reaction. Harmful if swallowed, in contact with skin or if inhaled. May be fatal if swallowed and enters airways.

Delayed and immediate effects as well as chronic effects from short and long-term exposure**Acute toxicity**

Harmful if swallowed, in contact with skin or if inhaled (turpentine component).

Skin corrosion/irritation

Causes skin irritation.

Eye damage/irritation

Causes serious eye irritation.

Sensitization

May cause an allergic skin reaction.

Mutagenic Effects

No data available for the mixture.

Carcinogenic effects

None of the components is listed as a carcinogen by OSHA, IARC or NTP.

Reproductive Effects

No data available for the mixture.

STOT - single exposure

No data available for the mixture.

STOT - repeated exposure

No data available for the mixture.

Aspiration hazard

May be fatal if swallowed and enters airways (based on components).

Numerical measures of toxicity - Product Information**Unknown Acute Toxicity**

No specific test data for the mixture is available.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Toxic to aquatic life with long lasting effects (turpentine component).

Persistence and Degradability

No data available for the mixture.

Bioaccumulation

No data available for the mixture.

Other adverse effects

Do not allow to enter drains or waterways.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****Waste Disposal Methods**

Dispose of contents and container in accordance with all applicable federal, state and local regulations. Do not pour into drains or waterways.

Contaminated Packaging

Empty containers retain vapour and product residue - handle with the same precautions. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION**Note:**

This information is not intended to convey all specific transportation requirements relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation information can be found in the specific regulations for your mode of transportation. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

Small containers (2 oz retail jars) may qualify for limited-quantity exceptions under DOT/IATA/IMDG - confirm with carrier.

DOT

UN/ID no.	UN1299
Proper Shipping Name	Turpentine
Hazard Class	3
Packing Group	III

ICAO / IATA / IMDG / IMO

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Packing Group	III

15. REGULATORY INFORMATION

International Inventories

All components are listed on the TSCA Inventory. For further information, please contact: . Supplier (manufacturer/importer/downstream user/distributor).

U.S. Federal Regulations**OSHA**

Classified as hazardous under 29 CFR 1910.1200 (HazCom 2012).

SARA Title III

Turpentine is not listed as an extremely hazardous substance; check state right-to-know lists.

California Prop. 65

This product is not known to contain chemicals listed as causing cancer or reproductive harm.

16. OTHER INFORMATION

HMIS:

Health	Flammability	Reactivity	Personal Protection
2	2	0	X

Key or legend to abbreviations and acronyms used in the safety data sheet**Legend - Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA TWA (time-weighted average)

STEL STEL (Short Term Exposure Limit)

Ceiling Maximum limit value

ACGIH: (American Conference of Governmental Industrial Hygienists)

OSHA: (Occupational Safety & Health Administration)

X Present

Revision Date September 28-2026

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet