



# SAFETY DATA SHEET

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

### PRODUCT

**Product Name:** Gamvar Picture Varnish  
**Product Description:** Resin and odorless mineral spirit mixture  
**Intended Use:** Final coating on artist paintings

### COMPANY

**Company Name:** Gamblin Artists Colors  
**Company Address:** 323 SE Division Pl.  
Portland, OR 97202  
USA  
**Company Phone:** 503-235-1945  
**Emergency Phone:** Local Emergency Room

## SECTION 2: HAZARDS IDENTIFICATION

### GHS LABELING

**GHS Classification:** Flammable liquid Category 4  
Aspiration toxicant Category 1

**GHS Pictogram(s):**



**Signal Word:** Danger

### HAZARDS

**Hazard Statements:**  
H227 Combustible liquid  
H304 May be fatal if swallowed and enters airways

**Precautionary Statements:**  
P210 Keep away from flames and hot surfaces. -- No smoking  
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician



- P331 Do NOT induce vomiting
- P370 + P378 In case of fire: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish
- P403 + P235 Store in a well-ventilated place. Keep cool
- P405 Store locked up
- P501 Dispose of contents and container in accordance with local regulations

**Potential Health Effects:**

- Eyes May cause redness or irritation
- Skin May cause rash, cracking, dryness, or deflating of the skin
- Ingestion May cause nausea, gastrointestinal irritation, or vomiting
- Inhalation May cause dizziness, nausea, headache, and possible nervous system depression

**Acute Health Hazards:**

If swallowed, may be aspirated and cause lung damage

**Chronic Health Hazards:**

Skin contact may aggravate existing dermatitis

**Environmental Hazards:**

No significant hazards

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- Contains:** Odorless mineral spirits CAS# 64742-48-9  
Hydrocarbon resin CAS# 28931-47-7

### SECTION 4: FIRST AID MEASURES

- Eyes:** Flush thoroughly with water. If irritation persists, get medical attention.
- Skin:** Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.
- Inhalation:** Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance.
- Ingestion:** Do not induce vomiting. Seek medical attention.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** If ingested material may be aspirated into the lungs and cause chemical pneumonia. Treat appropriately.

### SECTION 5: FIRE FIGHTING MEASURES

**FIRE FIGHTING**

**Extinguishing Media:** Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.

**Special Fire Fighting Procedures:**

Combustible. Evacuate area. Prevent runoff from fire control or dilution From entering streams, sewers, or drinking water supplies. Firefighters should use standard



protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

**Hazardous Combustion Products:**

Smoke, Fume, Incomplete combustion products. Oxides of carbon.

**Inappropriate Extinguishing Media:**

Straight streams of water

**FLAMMABILITY PROPERTIES**

**NFPA Hazard Classification:**

Health 1  
Flammability 2  
Reactivity 0  
Other N/A

**HMIS Hazard Classification:**

Health 1  
Flammability 2  
Reactivity 0  
Protection N/D

**Flammable Limits in Air:** LEL 0.7 UEL 5.3  
**Flash Point:** >142°F 61°C [ASTM D-93]  
**Autoignition Temperature:** 635°F 335°C

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Material Spill Steps:** Remove all sources of ignition (no smoking, flares, sparks or flames in immediate area).

Soak up spill with absorbent materials.

**Waste Disposal:** Rags and other absorbent materials should be immersed in water. Small amounts can be dried and disposed of as regular trash.

**SECTION 7: HANDLING AND STORAGE**

**Handling:** Avoid contact with skin. Prevent small spills and leakage to avoid slip hazard.

**Storage:** Keep container closed. Handle containers with care.  
Open slowly in order to control possible pressure release.  
Store in a cool, well-ventilated area.  
Suitable Containers/Packing: Original packaging, other childproof containers.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**EXPOSURE LIMIT VALUES**

FORM	STANDARD	RECOMMENDED LIMIT	SOURCE
Vapor	PEL-TWA	500ppm	OSHA



Vapor	PEL-TWA	2900mg/m <sup>3</sup>	OSHA
Vapor	RCP-TWA	1200mg/m <sup>3</sup>	EU HSPA
Vapor	PEL-TWA	100ppm	ACGIH

### PERSONAL PROTECTION

**Equipment:** Personal Protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentrations and ventilation.

### ENGINEERING CONTROLS

**Ventilation:** Adequate ventilation should be provided so that exposure limits are not exceeded.  
**Hygiene:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing and protective equipment. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

**NOTE: Limits/standards shown for guidance only. Follow applicable regulations. Always use material as directed and maintain proper ventilation.**

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### GENERAL INFORMATION

**Physical State:** Liquid  
**Form:** Clear  
**Color:** Colorless  
**Odor:** Odorless  
**Odor Threshold:** N/D

### IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION

**Boiling Point:** 365-412°F 185-211°C  
**Flash Point:** >142°F 61°C [ ASTM D-93]  
**Pour Point:** -71°F -57°C  
**Melting Point:** N/D  
**Freezing Point:** N/D  
**Vapor Pressure:** 0.064 kPa (0.48 mm Hg) at 20°C  
0.13 kPa (0.98 mm Hg) at 38°C  
0.28 kPa (2.1 mm Hg) at 50°C  
**Relative Density:** (at 15°C) 0.767  
**Density:** (at 15°C) 769 kg/m<sup>3</sup> (6.42 lbs/gal, 0.77 kg/dm<sup>3</sup>)  
**Vapor Density:** (AIR = 1): 5.6 at 101 kPa (calculated)  
**Specific Gravity:** N/D  
**Evaporation Rate:** (n-butyl acetate =1): < 0.1  
**Solubility in Water:** Negligible  
**Solids by Weight:** N/D



**Volatile:** N/D  
**Molecular Weight:** 163  
**Viscosity:** 1.55 cSt (1.55 mm<sup>2</sup>/sec) at 40°C  
 1.99 cSt (1.99 mm<sup>2</sup>/sec) at 25°C  
**pH:** N/A  
**Hygroscopic:** No  
**Log Pow (n-Octanol/Water Partition Coefficient):**  
 N/D  
**Coefficient of Thermal Expansion:**  
 0.00078 V/VDEGC

## SECTION 10: STABILITY AND REACTIVITY

**Stability:** Material is stable under normal conditions  
**Conditions to Avoid:** Avoid heat, sparks, open flames and other ignition sources  
**Materials to Avoid:** N/D  
**Hazardous Decomposition or Bi-Products:**  
 Material does not decompose at ambient temperatures  
**Possibility of Hazardous Reactions:**  
 Hazardous polymerization will not occur

## SECTION 11: TOXICOLOGICAL INFORMATION

### INFORMATION ON TOXICOLOGICAL EFFECTS

HAZARD CLASS	CONCLUSION/REMARKS
<b>Inhalation</b>	
Toxicity	Minimally Toxic
Irritation	Negligible hazard at ambient/normal handling temperatures. Based on test data for structurally similar materials.
<b>Ingestion</b>	
Toxicity: LD50 > 10000 mg/kg	Minimally Toxic
<b>Skin</b>	
Toxicity: LD50 > 3160 mg/kg	Minimally Toxic
Irritation	May dry the skin leading to discomfort and dermatitis. Based on test data for structurally similar materials.
<b>Eye</b>	
Irritation	May cause mild, short-lasting discomfort to eyes. Based on test data for structurally similar materials.



## CHRONIC/OTHER EFFECTS:

Vapor/aerosol concentrations above recommended exposure levels are irritating to the eyes and respiratory tract, may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness and other central nervous system effects including death. Prolonged and/or repeated skin contact with low viscosity materials may defat the skin resulting in possible irritation and dermatitis. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema.

## SECTION 12: ECOLOGICAL INFORMATION

### ECOLOGICAL INFORMATION

**Ecotoxicity:** Not expected to be harmful to aquatic organisms.  
Not expected to demonstrate chronic toxicity to aquatic organisms.

### PERSISTENCE AND MOBILITY

**Biodegradation:** Expected to be readily biodegradable.  
**Hydrolysis:** Transformation due to hydrolysis is not expected to be significant.  
**Photolysis:** Transformation due to photolysis is not expected to be significant.  
**Atmospheric:** Expected to degrade rapidly in air.

## SECTION 13: DISPOSAL CONSIDERATIONS

**NOTE: Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at the time of disposal.**

**Waste Disposal:** Dispose of waste, residues and empty container in accordance with local authority requirements.

**RCRA Information:** The unused product is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed as hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP)

## SECTION 14: TRANSPORT INFORMATION

### LAND (DOT)

**Proper Shipping Name:** Petroleum distillates, N.O.S.  
**Hazard Class:** Combustible liquid  
**ID Number:** 1268  
**Packing Group:** 111  
**ERG Number:** 128  
**Label(s):** None  
**Transport Doc. Name:** UN1268, PETROLEUM DISTILLATES, N.O.S., COMBUSTIBLE LIQUID, PG III



**NOTE: This material is not regulated under 49 CFR in a container of 119 gallon capacity or less when transported solely by land, as long as the material is not a hazardous waste, a marine pollutant, or specifically listed as a hazardous substance.**

**LAND (TDG)**

Not Regulated for Land Transport

**SEA (IMDG)**

Not Regulated for Sea Transport according to IMDG-Code

**AIR (IATA)**

Not Regulated for Air Transport

**SECTION 15: REGULATORY INFORMATION**

**OSHA HAZARD COMMUNICATION STANDARD:**

When used for its intended purpose, this material is classified as hazardous in accordance with OSHA 29CFR 1910.1200.

**NATIONAL CHEMICAL INVENTORY LISTING:**

AICS, IECSC, DSL, EINECS, ENCS, KECI, PICCS, TSCA

**EPCRA:** This material contains no extremely hazardous substances.

**CERCLA:** This material is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLA petroleum exclusion applies for this product. Contact local authorities to determine if other reporting requirements apply.

**SARA (311/312) REPORTABLE HAZARD CATEGORIES:**

Fire

**SARA (313) TOXIC RELEASE INVENTORY:**

This material contains no chemicals subject to the supplier notification requirement of the SARA 313 Toxic Release Program.

**STATE REGULATIONS:**

None found

**INTERNATIONAL REGULATIONS:**

None found

**SECTION 16: OTHER INFORMATION**

N/D = Not determined, N/A = Not applicable



**THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS:**

Updates made in accordance with implementation of GHS requirements.

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