



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: Gamvar Satin Picture Varnish
Gamvar Matte 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# 68441-37-2
 - Beeswax CAS# 8012893
 - Silicone Dioxide CAS# 112926-00-8

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: >144°F 62°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/m3	OSHA
Vapor	RCP-TWA	1200mg/m3	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
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: Milky/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: >144°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: N/D
Density: N/D
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: N/D
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
Inhalation	
Toxicity	Minimally Toxic
Irritation	Negligible hazard at ambient/normal handling temperatures. Based on test data for structurally similar materials.
Ingestion	
Toxicity: LD50 > 10000 mg/kg	Minimally Toxic
Skin	
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.
Eye	
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.

The information and recommendations contained herein are, to the best of Gamblin's knowledge and belief, accurate and reliable, but it is not warranted to be. You can contact Gamblin to ensure that this document is the most current available. The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that the product is suitable for the intended use and it is the user's responsibility to carefully read the product label and follow instructions for safe use of the product.