

Safety Data Sheet

Section 1 - Identification



ARCHIVAL

GLOSS ARCHIVAL VARNISH / 7771-X
SATIN ARCHIVAL VARNISH / 7776-X
MATTE ARCHIVAL VARNISH/ 7781-X
SEMI-GLOSS ARCHIVAL VARNISH/ 7786-X

GOLDEN ARTIST COLORS, INC.
188 BELL ROAD
NEW BERLIN, NY 13411

Phone: (607)847-6154
In US and Canada only: (800)959-6543

Prepared by: Regulatory Department

Product Use: Protective Coating for Art

Not recommended for: Use by children

Section 2 - Hazards Identification

GHS Ratings:

Aerosols	1A	Extremely flammable aerosol
Skin corrosion/irritation	3	Reversible adverse effects in dermal tissue, Draize score: ≥ 1.5 < 2.3
Serious eye damage/eye irritation	2A	Eye irritant: Subcategory 2A, Reversible in 21 days
Skin sensitization	1	Skin sensitizer

GHS Hazards

H222	Extremely flammable aerosol
H280	Contains gas under pressure; may explode if heated
H316	Causes mild skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation

GHS Precautions

P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P251	Pressurized container – Do not pierce or burn, even after use
P261	Avoid breathing gas/mist/vapors/spray
P264	Wash hands with soap and water thoroughly after handling
P280	Wear protective gloves/protective clothing/eye protection/face protection
P321	Specific treatment, see Section 4
P363	Wash contaminated clothing before reuse
P302+P352	IF ON SKIN: Wash with soap and water
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention
P337+P313	If eye irritation persists, get medical advice/attention
P501	Dispose of contents/container according to Section 13

Signal Word: Danger



Section 3 - Hazardous Composition

Chemical Name	CAS number	Weight Concentration %
Acetone	67-64-1	20.00% - < 30.00%
Petroleum distillate hydrotreated light	64742-47-8	10.00% - < 20.00%
Dimethyl Ether	115-10-6	10.00% - < 20.00%
Propane/Butane Mixture	68476-86-8	10.00% - < 20.00%
Isobutyl isobutyrate	97-85-8	10.00% - < 20.00%
Solvent Naptha, Petroleum, Heavy Aromatic	64742-94-5	5.00% - < 10.00%
Bis(1,2,2,6,6-pentamethyl-4-piperidinyI)	41556-26-7	0.10% - < 1.00%

Section 4 - First Aid

Inhalation: Remove subject to fresh air. Give artificial respiration if breathing has stopped. Seek medical attention.

Eye: Flush with water for 15 minutes. Remove contact lenses, if present and easy to do so. If symptoms develop and persist seek medical attention.

Skin: Wash with soap and water. Remove contaminated clothing. Seek medical attention for irritation.

Ingestion: If swallowed, dilute by giving 2 or more glasses of water to drink ONLY IF CONSCIOUS! Do not induce vomiting. Seek medical attention IMMEDIATELY.

Section 5 - Fire Fighting

Flash Point: -104 C (-155 F)

LEL: N/A

UEL: N/A

Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical, Powder. Do NOT use high pressure Water Spray, as this will spread the fire.

Unusual Fire and Explosion Hazards: Vapors can travel to a source of ignition and flash back. Closed containers may rupture via pressure build-up when exposed to fire or extreme heat. During a fire, irritating and highly toxic gases and/or fumes may generate during combustion or decomposition.

Hazardous Byproducts: Combustion will yield oxides of carbon and nitrogen, as well as, monomer fume.

Fire Fighting Procedures: Move containers promptly out of fire zone. If removal is impossible, keep containers cool with water spray. Remain upwind and avoid breathing smoke or fumes.

Special Precautions: Wear self-contained breathing apparatus and full protective gear.

Section 6 - Release

Personal precautions, protective equipment and emergency procedures: Appropriate protective equipment must be worn when handling a spill of this material. See Section - 8 Exposure Control for recommendations. If exposed to material during clean-up operations, see Section 4 - First Aid for actions to follow.

Environmental precautions: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Methods and materials for containment and clean-up: Eliminate all ignition sources. Evacuate personnel to

safe areas. Ventilate the area to dissipate vapor. Floor may be slippery; use care to avoid falling. Soak up spills with inert absorbent material. Sweep up and collect in suitable container for disposal. Avoid breathing vapor.

Section 7 - Handling

Precautions and safe handling: Use only in well-ventilated areas. Avoid inhalation of vapors/spray and contact with skin and eyes. Wear appropriate personal protective equipment. The mixture is flammable, and heating may generate vapors which may form explosive vapor/air mixtures. Do not smoke or use near other sources of ignition. Read label before use.

Conditions for safe storage: Keep away from heat, sparks and open flame. Store in a cool, well-ventilated place. Keep out of the reach of children.

Section 8 - Exposure Control

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Acetone 67-64-1	TWA 1000ppm, 2400 mg/m3	TWA 250ppm STEL 500ppm	Not Established
Petroleum distillate hydrotreated light 64742-47-8	PEL 5mg/m3 TWA 5mg/m3	TWA 10mg/m3	Not Established
Dimethyl Ether 115-10-6	Not Established	Not Established	Not Established
Propane/Butane Mixture 68476-86-8	Not Established	Not Established	Not Established
Isobutyl isobutyrate 97-85-8	Not Established	Not Established	Not Established
Solvent Naptha, Petroleum, Heavy Aromatic 64742-94-5	PEL 500 PPM	Not Established	Not Established
Bis(1,2,2,6,6-pentamethyl-4-p iperidinyI) 41556-26-7	Not Established	Not Established	Not Established

Engineering Controls: Use explosion proof ventilation equipment. Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of possible vapor. Provide easy access to water supply, eye wash or emergency shower.

General Hygiene Considerations: 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 to remove contaminants. Private clothes and work clothes should be kept separate.

Personal Protective Equipment: Wear approved safety glasses or goggles. Wear solvent-resistant gloves. Be aware that liquid may penetrate the gloves, suitable gloves can be recommended by the glove supplier.

Section 9 - Properties

Properties listed are typical and not to be used as a specification.

Appearance: Liquid, Gas Vapor Pressure: Not available Vapor Density: Not available Density: 0.75 – 0.77 Freezing point: Not available	Odor: Solvent Odor threshold: Not available pH: Not applicable Melting point: Not applicable Solubility: Not soluble
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Boiling range: Not available Evaporation rate: Not available Explosive Limits: Not available Auto ignition temperature: Not available Viscosity: Not applicable	Flash point: -104°C, -155°F Flammability: Not applicable Partition coefficient (n-octanol/water): Not available Decomposition temperature: Not available
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Section 10 - Reactivity

Under normal conditions this mixture is considered to be:

STABLE

Materials that are known to be incompatible with this mixture and should be avoided, if applicable:

Not Applicable

Risk of hazardous decomposition:

Not Applicable

Hazardous polymerization will not occur.

Section 11 - Toxicology

Mixture Toxicity

Inhalation Toxicity LC50: 208mg/L

Component Toxicity

64742-47-8	Petroleum distillate hydrotreated light Oral LD50: 2,000 mg/kg (RAT)
64742-94-5	Solvent Naptha, Petroleum, Heavy Aromatic Dermal LD50: 3,160 mg/kg (RABBIT)
41556-26-7	Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) Oral LD50: 2,615 mg/kg (RAT)

Possible routes of entry or exposure:

Inhalation Skin Contact Eye Contact Ingestion

Possible target organs of exposure to this mixture:

Eyes Lungs GI Tract

Effects of Overexposure

Carcinogenicity: This mixture as a whole has not been tested to determine its carcinogenic properties. The components of this mixture that are reported as possible or known carcinogens are as follows:

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
None			Not Applicable

Acute Toxicity: May cause central nervous system effects.

Section 12 - Ecological Toxicity

Ecotoxicity: This mixture as a whole has not been tested to determine its ecological toxicity. The components of this mixture with documented ecological data are as follows:

Component Ecotoxicity

Acetone	LC50 Rainbow Trout 5540 mg/l 96h LC50 Water Flea 8800 mg/l 48h
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Petroleum distillate hydrotreated light	LC50 Oncorhynchus mykiss 2.4 mg/l 96h LC50 pimephales promelas 45 mg/l 96h LC50 Lepomis macrochirus 2.2 mg/l 96h LC50 Den-dronereides heteropoda 4720 mg/l 96h
Solvent Naptha, Petroleum, Heavy Aromatic	LC50, RAINBOW TROUT, 96h, 3.6 mg/l EC50, WATER FLEA, 48h, 1.1 mg/l EC50, GREEN ALGAE, 72h 7.2 mg/l
Bis(1,2,2,6,6-pentamethyl-4-piperid inyl)	LC50 Lepomis Macrochirus 1 mg/l 96h EC50 Water Flea 20 mg/l 48h

Section 13 - Disposal

Disposal Instructions: Contract with a disposal operator licensed by the Law on Disposal and Cleaning. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities. Do not discharge into drains, water courses or onto the ground. Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 14 - Transport

ChemTel Contract #MIS0002572 Phone: (888)255-3924

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing</u>	<u>Hazard Class</u>
DOT	AEROSOLS, flammable (Distillates (petroleum), hydrotreated light, Solvent naphtha (petroleum), heavy arom.) Marine Pollutant	1950	-	2.1
IATA	AEROSOLS, flammable (Distillates (petroleum), hydrotreated light, Solvent naphtha (petroleum), heavy arom.)	1950	-	2.1
IMDG	Environmental Hazard AEROSOLS, flammable (Distillates (petroleum), hydrotreated light, Solvent naphtha (petroleum), heavy arom.) Marine Pollutant	1950	-	2.1

Section 15 - Regulatory

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

Not Applicable

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
AUSTRALIA	AICS- Australian Inventory of Chemical Substances	Yes
CANADA	Domestic Substances List (DSL) and Non-Domestic	Yes
EUROPE	European Inventory of Existing Commercial Chemical	Yes
EUROPE	European List of Notified Chemical Substances	No
JAPAN	Inventory of Existing and New Chemical Substances	No
CHINA	Inventory of Existing Chemical Substances in China	Yes

KOREA	Korean Existing Chemicals Inventory (KECI)	Yes
NEW ZEALAND	New Zealand Inventory of Chemicals (NZIoC)	Yes
PHILIPPINES	Philippine Inventory of Chemicals and Chemical	Yes
USA	Active-Toxic Substances Control Act (TSCA) Inventory	Yes

Section 16 - Other Information

While Golden Artist Colors, Inc. believes the data set forth herein is accurate as of the date hereof, Golden Artist Colors, Inc. makes no warranty with respect to the accuracy of this data and expressly disclaims all liability for reliance thereon. Such data is offered solely for your consideration, investigation, and verification.

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Reviewer Revision 1

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