

Safety Data Sheet

Section 1 - Identification

**GPW GOLDEN
PAINTWORKS.**

MURAL PAINTS

MSA Solvent VOC Exempt / CPWMV02

GOLDEN ARTIST COLORS, INC.
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NEW BERLIN, NY 13411

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

Prepared by: Regulatory Department

Product Use: Architectural Paint

Not recommended for: Use by children

Section 2 - Hazards Identification

GHS Ratings:

Flammable liquid 3 Flash point $\geq 23^{\circ}\text{C}$ and $\leq 60^{\circ}\text{C}$ (140°F)
Skin sensitizer 1B Skin sensitizer

GHS Hazards

H226 Flammable liquid and vapor
H317 May cause an allergic skin reaction

GHS Precautions

P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking
P233 Keep container tightly closed
P240 Ground/bond container and receiving equipment
P241 Use explosion-proof electrical/ventilating/light/.../equipment
P242 Use only non-sparking tools
P243 Take precautionary measures against static discharge
P280 Wear protective gloves/protective clothing/eye protection/face protection
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P370+P378 In case of fire: Use ... for extinction
P403+P235 Store in a well ventilated place. Keep cool
P501 Dispose of contents/container according to Section 13

Signal Word: Warning



Section 3 - Hazardous Composition

Chemical Name	CAS number	Weight Concentration %
4-chlorobenzotrifluoride	98-56-6	90.00% - 100.00%

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: 43 C (109 F)

LEL: 1.0%

UEL: 11.0%

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
4-chlorobenzotrifluoride 98-56-6	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 Vapor Pressure: 5.3 mmHg (20 C) Vapor Density: 1.34 (25 C) Density: 1.34 Freezing point: Not available Boiling range: 139°C Evaporation rate: Not available Explosive Limits: 1% - 11% Autoignition temperature: 600°C Viscosity: 1.01 cPs	Odor: Aromatic Odor threshold: 0.11 ppm pH: 5.5 Melting point: -24 to -33 C Solubility: Partially Soluble Flash point: 43°C, 109°F Flammability: Not applicable Partition coefficient (n-octanol/water): Not available Decomposition temperature: Not available VOC g/l (less Water) 0
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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

Dermal Toxicity LD50: 2,700mg/kg

Inhalation Toxicity LC50: 4,479mg/L

Component Toxicity

98-56-6

4-chlorobenzotrifluoride

Dermal LD50: 2,700 mg/kg (RABBIT) Inhalation LC50: 4,479 ppm (RAT)

Possible routes of entry or exposure:

Inhalation Skin Contact Eye Contact Ingestion

Possible target organs of exposure to this mixture:

Kidneys Liver Central Nervous System

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

4-chlorobenzotrifluoride	LC50 Rainbow Trout 13.5 mg/l 96h
	LC50 Bluegill Sunfish 12 mg/l 96h
	LC50 Water Flea 12.4 mg/l 48h
	IC50 Green and Blue-green Algae 500 mg/l 72h

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

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing</u>	<u>Hazard Class</u>
DOT	Chlorobenzotrifluorides	UN2234	III	3
IATA	Chlorobenzotrifluorides	UN2234	III	3
IMDG	Chlorobenzotrifluorides	UN2234	III	3

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:

98-56-6 4-chlorobenzotrifluoride Carcinogen

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
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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	Yes
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

Not Applicable

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 2

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