

Gamblin Conservation Colors Half Pans

Version number: 1
Issued: 2025-12-04

SECTION 1: Identification

Product identifier

Trade name

Gamblin Conservation Colors Half Pans

Recommended use of the chemical and restrictions on use

Product type

Inpainting color.

Use

Fine art restoration and conservation by trained professionals.

Not suitable for use in

No further relevant information available.

Supplier's details

SDS created by

Lennart Schönknecht

Manufacturer

Gamblin Conservation Colors A brand of Färg GmbH & CoKG

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Telephone

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Email

info@conservationcolors.com

Web site

www.conservationcolors.com

Emergency phone number

Not relevant

Available outside office hours

Yes

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SECTION 2: Hazard identification

Classification of the substance or mixture and any national or regional information

The product is not classified as hazardous according to Regulation (US HCS) 29 CFR 1910.1200

Label elements, including precautionary statements

The product does not require labeling in accordance with Regulation (US HCS) 29 CFR 1910.1200

Other hazards which do not result in classification

Not Classified as PBT/vPvB by current EU criteria.
There is no risk of fire or explosion.

SECTION 3: Composition/information on ingredients

Mixture

Substance additional information

The mixture does not contain any dangerous substances in concentrations that require labelling.

SECTION 4: First-aid measures

Description of necessary first-aid measures

Take off immediately all contaminated clothing.

Inhalation

No risk exist. Fresh air and rest. Get medical attention if any discomfort continues.

Skin contact

Wash skin thoroughly with soap and water. Contact physician if irritation continues.

Eye contact

Hold eyelids apart. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Contact physician if irritation continues.

Ingestion

Rinse mouth with water. Give a couple of glasses of water, provided the victim is fully conscious. Contact physician if larger quantity has been consumed.

Most important symptoms/effects, acute and delayed

No symptoms known.

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Indication of immediate medical attention and special treatment needed, if necessary
Treat symptomatically.

SECTION 5: Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media

Suitable extinguishing media: Use foam, carbon dioxide, dry powder or water fog for extinction.

Unsuitable extinguishing media

None known.

Specific hazards arising from the chemical (e.g. nature of any hazardous combustion products).

There is no risk of fire or explosion. Avoid whirling up the material/product because of the danger of dust explosion.

Hazardous combustion products: Smoke. Carbon monoxide (CO). Carbon dioxide (CO₂).

Special protective actions for fire-fighters

Special protective equipment for fire-fighters

Use supplied air respirator if product is involved in a fire.

Wear full protective clothing.

Other

Cool containers exposed to flames with water until well after the fire is out. Dike and collect extinguishing water.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep people away from danger area. Avoid generating excess dust. Avoid inhalation of dust. For personal protection, see section 8.

Environmental precautions

Prevent spillage entering a watercourse or sewer, contaminating soil or vegetation.

Methods and materials for containment and cleaning up

Methods for containment: Shovel into dry containers. Cover and move the containers. Flush the area with water. Add dust binding agent for larger spills.

Spill Cleanup Methods: Flush contaminated area with plenty of water.

Collected product is disposed of as non-hazardous waste, see section 13.

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Reference to other sections

For personal protection, see section 8.
For waste disposal, see section 13.

SECTION 7: Handling and storage

Precautions for safe handling

Preventive handling precautions

The usual precautions when handling chemicals should be observed. Use mechanical ventilation in case of handling which causes formation of dust. For personal protection, see section 8.

General hygiene

Avoid inhalation of dust. Avoid contact with skin. Wash hands before breaks and before smoking, eating or drinking. Avoid eating, drinking and smoking when using the product.

Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep container tightly closed. Store in accordance with national regulations.

Conditions to avoid: Strong acids. Oxidizing materials. Avoid heat, flames and other sources of ignition.

Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure limits

The product does not contain relevant quantities of substances with workplace exposure limits to be monitored. ACGIH: Threshold Limit Values 2020 (ACGIH). NIOSH: NIOSH Pocket Guide to Chemical Hazards (September 2007). OSHA: Occupational Safety and Health Standards, Air contaminants (amendments 2017).

Appropriate engineering controls

Appropriate engineering controls

The usual precautions when handling chemicals should be observed. Avoid generating excess dust. Avoid inhalation of dust. Avoid contact with skin. Wash hands before breaks and before smoking, eating or drinking. Avoid eating, drinking and smoking when using the product.

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Eye / face protection

Use tight fitting goggles if dust is generated.

Hand protection

Use protective gloves made of: Nitrile. Neoprene.

Thickness of glove material: $\geq 0,11$ mm

Breakthrough time: 480 minutes

Replace immediately punctured or contaminated gloves.

Other skin protection

Wear suitable protective clothing as protection against splashing or contamination.

Respiratory protection

Respiratory protection is not required under normal conditions of use. In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2).

Thermal hazards

This product is not flammable.

Environmental exposure controls

Avoid release to the environment.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state

Solid – Dusty

Colour

Varying.

Odour

Slight odor.

Odour threshold

Not determined.

Melting point / freezing point

80 - 95 °C

Boiling point or initial boiling point and boiling range

Not applicable.

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Flammability

This product is not flammable.

Lower and upper explosion limit

Not applicable.

Flash point

Not applicable.

Auto-ignition temperature

Not determined.

Decomposition temperature

Not determined.

pH

Not determined.

Kinematic viscosity

No data available

Viscosity, dynamic

Not applicable. Solid product.

Solubility

No data available

Water solubility

Insoluble in water.

Partition coefficient n-octanol/water

No data available

Vapour pressure

Not determined.

Density and/or relative density

Varying.

Relative vapour density

No data available

Explosive properties

Not explosive.

Oxidising properties

Not oxidizing

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VOC %

Not determined.

Particle characteristics

No data available

Other information

No further relevant information available.

SECTION 10: Stability and reactivity

Reactivity

Non-reactive product under normal handling conditions.

Chemical stability

Stable under normal temperature conditions and recommended use. Stable under the prescribed storage conditions.

Possibility of hazardous reactions

No dangerous reactions are known.

Conditions to avoid

None known.

Incompatible materials

Strong acids. Oxidizing materials.

Hazardous decomposition products

Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11. Toxicological information

Information on the likely routes of exposure

Acute toxicity

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

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Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Information on other hazards

Endocrine disrupting properties

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 12: Ecological information

Toxicity

Acute toxicity

Low acute toxicity to aquatic organisms. Based on available data, the classification criteria are not met.

Persistence and degradability

No further relevant information available.

Bioaccumulative potential

No further relevant information available.

Mobility in soil

Mobility

The product is insoluble in water. Solid product. Not expected to be mobile in the soil profile.

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Results of PBT and vPvB assessment

Not Classified as PBT/vPvB by current EU criteria.

Endocrine disrupting properties

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

Other adverse effects

No further relevant information available.

Other

Due to the consistency of the product, dispersion into the environment is impossible. Therefore no negative effects on the environment may be anticipated based on the present state of knowledge.

SECTION 13: Disposal considerations

Disposal methods

Disposal considerations

Incinerate in an approved destruction facility. Dispose of in accordance with official regulations.

Packaging

Packaging that cannot be cleaned should be disposed of in the same way as the product.
Cleaned packaging can be recycled.

Waste code	Description
08 01 12	waste paint and varnish other than those mentioned in 08 01 11

Please note - an asterisk (*) next to a code denotes that it is HAZARDOUS WASTE.

Other

Appropriate EWC code is determined by the user. The above EWC codes are to be considered suggestions only.

SECTION 14: Transport information

UN number

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, DOT).

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UN proper shipping name

ADR / RID / ADN proper shipping name

Not relevant.

Transport hazard class(es)

Label

Not relevant.

ADR / RID Class

Not relevant.

IMDG Class

Not relevant.

IATA Class

Not relevant.

Packing group

Not relevant.

Environmental hazards

Not relevant.

IMDG Marine Pollutant

No.

Special precautions for user

Not relevant.

Transport in bulk according to IMO instruments

Not relevant.

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SECTION 15: Regulatory information

Safety, health and environmental regulations specific for the product in question

National regulations

The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895).

Listed or exempt from listing/notification on the following chemical inventories:

ACIS,DSL,ENCS,ICESC, KECI, PICCS, TSCA.EPCRA SECTION302: This material contains no extremely hazardous substances. CERCLA: This material does not contain any components with a CERCLA RQ.CWA/OPA: This product is classified as an oil under section 311 of the Clean Water Act (40 CFR110) and the Oil Pollution Act of 1990. Discharge or spills which produce a visible sheen on either surface water, or in waterways/sewers which lead to surface water, must be reported to the National Response Center at 800-424-8802.SARA (311/312) - HAZARDS: Fire Hazard. Chronic Health Hazard.

SARA (302) : No Chemicals in this material are subject to the reporting requirements of SARA Title II, Section 302.SARA (313) TOXIC RELEASE INVENTORY: This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III section 313. WHMIS Classification: B3 - Combustible liquid. D2A Very Toxic

Material causing other Toxic effects.Clean Air Act This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489). Clean Water Act This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A. This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3. This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307.

Other regulations, limitations and legal regulations

Substances of very high concern (SVHC) according to REACH, Article 57: Not applicable.

Restriction of chemicals according to Annex XVII (REACH): Not applicable.

Chemical safety assessment

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SECTION 16: Other information

Other

Additional information

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

Manufacturer's notes

Abbreviations and acronyms used in the safety data sheet:

ACGIH - American Conference of Government Industrial Hygienists; LD50 - Lethal Dose 50%; AICS - Australia, Inventory of Chemical Substances; LOAEL - Lowest Observed Adverse Effect Level; DSL - Canada, Domestic Substances List; NFPA - National Fire Protection Agency; NDSL - Canada, Non-Domestic Substances List; NIOSH - National Institute for Occupational Safety & Health; CNS - Central Nervous System; NTP - National Toxicology Program; CAS - Chemical Abstract Service - NZIoC - New Zealand Inventory of Chemicals; EC50 - Effective Concentration; NOAE - No Observable Adverse Effect Level; EC50 - Effective Concentration 50%; NOEC - No Observed Effect Concentration; EGEST - EOSCA Generic Exposure Scenario Tool; OSHA - Occupational Safety & Health Administration; EOSCA - European Oilfield Specialty Chemicals Association; PEL - Permissible Exposure Limit; EINECS - European Inventory of Existing Chemical Substances; PICCS - Philippines Inventory of Commercial Chemical Substances; MAK - Germany Maximum Concentration Values; PRNT - Presumed Not Toxic; GHS - Globally Harmonized System; RCRA - Resource Conservation Recovery Act; >= Greater Than or Equal To; STEL - Short-term Exposure Limit; IC50 - Inhibition Concentration 50%; SARA - Superfund Amendments and Reauthorization Act; IARC - International Agency for Research on Cancer; TLV - Threshold Limit Value; IECSC - Inventory of Existing Chemical Substances in China; TWA - Time Weighted Average; ENCS - Japan, Inventory of Existing and New Chemical Substances; TSCA - Toxic Substance Control Act; KECI - Korea, Existing Chemical Inventory; UVCB - Unknown or Variable Composition, Complex Reaction Products, and Biological Materials; <= Less Than or Equal To; WHMIS - Workplace Hazardous Materials Information System; LC50 - Lethal Concentration 50%.