

Gamblin Conservation Colors Half Pans

Version number: 1
Issued: 2025-12-04

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name

Gamblin Conservation Colors Half Pans

1.2. Relevant identified uses of the substance or mixture and uses advised against

Product type

Inpainting color.

Relevant identified uses

Fine art restoration and conservation by trained professionals.

Not suitable for use in

No further relevant information available.

1.3. Details of the supplier of the safety data sheet

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

1.4. Emergency telephone number

Not relevant.

Available outside office hours

Yes

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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The product is not classified as hazardous according to Regulation (EC) No 1272/2008.

2.2. Label elements

The product does not require labelling in accordance with CLP Regulation (EC) No 1272/2008.

2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria.

There is no risk of fire or explosion.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance additional information

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

SECTION 4: First aid measures

4.1. Description of 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.

4.2. Most important symptoms and effects, both acute and delayed

No symptoms known.

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4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Suitable extinguishing media: Use foam, carbon dioxide, dry powder or water fog to extinguish.

Unsuitable extinguishing media

None known.

5.2. Special hazards arising from the substance or mixture

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).

5.3. Advice for firefighters

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

6.1. 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.

6.2. Environmental precautions

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

6.3. Methods and material 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.

Methods for cleaning up: Flush contaminated area with plenty of water.

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

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6.4. Reference to other sections

For personal protection, see section 8.

For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. 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.

7.2. 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. Oxidising materials. Avoid heat, flames and other sources of ignition.

7.3. Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits

The product does not contain relevant quantities of substances with workplace exposure limits to be monitored. EH40/2005, Workplace exposure limits 2005, with amendments.

8.2. Exposure 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.

Eye / face protection

Use tight fitting goggles if dust is generated.

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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

9.1. Information on basic physical and chemical properties

Physical state

Solid – Dusty

Colour

Varying.

Odour

Slight odour.

Odour threshold

Not determined.

Melting point / freezing point

80 - 95 °C

Boiling point or initial boiling point and boiling range

Not applicable.

Flammability

This product is not flammable.

Lower and upper explosion limit

Not applicable.

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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

VOC %

Not determined.

Particle characteristics

No data available

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9.2. Other information

No further relevant information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Non-reactive product under normal handling conditions.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

No dangerous reactions are known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong acids. Oxidising materials.

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

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.

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.

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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.

11.2. 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

12.1. Toxicity

Acute toxicity

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

12.2. Persistence and degradability

No further relevant information available.

12.3. Bioaccumulative potential

No further relevant information available.

12.4. Mobility in soil

Mobility

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

12.5. Results of PBT and vPvB assessment

Not Classified as PBT/vPvB by current EU criteria.

12.6. 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.

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12.7. 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

13.1. Waste treatment 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	Waste 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

14.1. UN number

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

14.2. UN proper shipping name

ADR / RID / ADN proper shipping name

Not relevant.

14.3. Transport hazard class(es)

Label

Not relevant.

ADR / RID Class

Not relevant.

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IMDG Class

Not relevant.

IATA Class

Not relevant.

14.4. Packing group

Not relevant.

14.5. Environmental hazards

Not relevant.

IMDG Marine Pollutant

No.

14.6. Special precautions for user

Not relevant.

14.7. Maritime transport in bulk according to IMO instruments

Not relevant.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, with amendments.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.

National regulations

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

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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.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

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:

ADR - Agreement concerning the International Carriage of Dangerous Goods by Road. AIIC - Australian Inventory of Industrial Chemicals. ASTM - American Society for the Testing of Materials. bw - Body weight. CMR - Carcinogen, Mutagen or Reproductive Toxicant. DIN - Standard of the German Institute for Standardisation. DSL - Domestic Substances List (Canada). ECx - Concentration associated with x% response. ELx - Loading rate associated with x% response. EmS - Emergency Schedule. ENCS - Existing and New Chemical Substances (Japan). ErCx - Concentration associated with x% growth rate response. GHS - Globally Harmonized System. GLP - Good Laboratory Practice. IARC - International Agency for Research on Cancer. IATA - International Air Transport Association. IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk. IC50 - Half maximal inhibitory concentration. ICAO - International Civil Aviation Organization. IECSC - Inventory of Existing Chemical Substances in China. IMDG - International Maritime Dangerous Goods. IMO - International Maritime Organization. ISO - International Organisation for Standardization. LC50 - Lethal Concentration to 50 % of a test population. LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose). MARPOL - International Convention for the Prevention of Pollution from Ships. n.o.s. - Not Otherwise Specified. NO(A)EC - No Observed (Adverse) Effect Concentration. NO(A)EL - No Observed (Adverse) Effect Level. NOELR - No Observable Effect Loading Rate. NZIoC - New Zealand Inventory of Chemicals. OECD - Organization for Economic Co-operation and Development. OPPTS - Office of Chemical Safety and Pollution Prevention. PBT - Persistent, Bioaccumulative and Toxic substance. (Q)SAR - (Quantitative) Structure Activity Relationship. REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals. RID - Regulations concerning the International Carriage of Dangerous Goods by Rail. SADT - Self-Accelerating Decomposition Temperature. SDS - Safety Data Sheet. TSCA - Toxic Substances Control Act (United States). UN - United Nations. UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods. vPvB - Very Persistent and Very Bioaccumulative.