

Safety Data Sheet according to 1907/2006/EC

Printing date: 10 March 2017

Revision: 10 March 2017

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

· 1.1 Product identifier

· Trade name: **Cold Gold Frame Glaze / Warm Gold Frame Glaze / Walnut Frame Glaze**

· Product code: PC-1050 / PC-1051 / PC-1052

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

No further relevant information available.

· Application of the substance / the mixture: Antiquing glaze for picture frames.

· Uses advised against: No further relevant information available.

· 1.3 Details of the supplier of the Safety Data Sheet

· Manufacturer/Supplier:

Gainsborough Products, LLC

6680 Alhambra Ave. #249

Martinez, CA 94553-6105

USA

(925) 957-9277

service@gainsboroughproducts.com

· 1.4 Emergency telephone number:

ChemTel Inc.

(800)255-3924 (North America)

+1 (813)248-0585 (International)

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

· Classification according to Regulation (EC) No 1272/2008

STOT RE 2 H373 May cause damage to the kidneys through prolonged or repeated exposure. Route of exposure: Oral.

· 2.2 Label elements

· Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

· Hazard pictograms



GHS08

· Signal word Warning

· Hazard-determining components of labelling:

ethylene glycol

Quartz (SiO₂)

· Hazard statements

H373 May cause damage to the kidneys through prolonged or repeated exposure. Route of exposure: Oral.

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· **Precautionary statements**

P260 Do not breathe mist/vapours/spray.

P314 Get medical advice/attention if you feel unwell.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **2.3 Other hazards** There are no other hazards not otherwise classified that have been identified.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**

· **Components:**

CAS: 107-21-1 EINECS: 203-473-3 Index number: 603-027-00-1 Reg.nr.: 01-2119456816-28-XXXX	ethylene glycol ⚠ STOT RE 2, H373 ⚠ Acute Tox. 4, H302	5-10%
CAS: 111-46-6 EINECS: 203-872-2 Index number: 603-140-00-6 Reg.nr.: 01-2119457857-21-XXXX	2,2'-oxybisethanol ⚠ STOT RE 2, H373 ⚠ Acute Tox. 4, H302	≤5%
CAS: 14807-96-6 EINECS: 238-877-9 Reg.nr.: 01-2120140278-58-XXXX	Talc (Mg ₃ H ₂ (SiO ₃) ₄)	≤5%
CAS: 9005-25-8 EINECS: 232-679-6	starch substance with a Community workplace exposure limit	≤5%
CAS: 14808-60-7 EINECS: 238-878-4	quartz	<2%
CAS: 1333-86-4 EINECS: 215-609-9 Reg.nr.: 01-2119384822-32-XXXX	carbon black	<2%

· **Additional information:**

Non-classification as a carcinogen is based on non-respirable form of product.

For the wording of the listed Hazard Statements refer to section 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **After inhalation:**

Respiration of particulates is unlikely during normal usage.

Supply fresh air; consult doctor in case of complaints.

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

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If skin irritation continues, consult a doctor.

· **After eye contact:**

Remove contact lenses if worn, if possible.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

· **4.2 Most important symptoms and effects, both acute and delayed**

Nausea in case of ingestion.

Gastric or intestinal disorders when ingested.

Vomiting.

Diarrhea.

· **Hazards:**

May be harmful if swallowed.

May cause damage to the kidneys through prolonged or repeated exposure. Route of exposure: Oral.

· **4.3 Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents:** CO₂, powder or water spray. Fight larger fires with water spray.

· **For safety reasons unsuitable extinguishing agents:** None.

· **5.2 Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

· **5.3 Advice for firefighters**

· **Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation

Use personal protective equipment as required.

· **6.2 Environmental precautions** Avoid release to the environment.

· **6.3 Methods and material for containment and cleaning up**

Wipe up small spills with paper towel and discard.

For larger spills, add sawdust, chalk or other inert binding material, then sweep up and discard.

· **6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

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SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Use only in well ventilated areas.
Keep out of reach of children.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store in cool, dry conditions in well sealed receptacles.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· **Ingredients with limit values that require monitoring at the workplace:**

107-21-1 ethylene glycol

IOELV (EU)	Short-term value: 104 mg/m ³ , 40 ppm Long-term value: 52 mg/m ³ , 20 ppm Skin
AGW (Germany)	Long-term value: 26 mg/m ³ , 10 ppm 2(I);DFG, EU, H, Y, 11
WEL (Great Britain)	Short-term value: 104** mg/m ³ , 40** ppm Long-term value: 10* 52** mg/m ³ , 20** ppm Sk *particulate **vapour

111-46-6 2,2'-oxybisethanol

AGW (Germany)	Long-term value: 44 mg/m ³ , 10 ppm 4(II);DFG, Y, 11
WEL (Great Britain)	Long-term value: 101 mg/m ³ , 23 ppm

14807-96-6 Talc (Mg₃H₂(SiO₃)₄)

WEL (Great Britain)	Long-term value: 1 mg/m ³
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9005-25-8 starch

WEL (Great Britain)	Long-term value: 10* 4** mg/m ³ *total inhalable **respirable
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14808-60-7 Quartz (SiO₂)

WEL (Great Britain)	Long-term value: 0,1 mg/m ³ respirable dust, averaged over 8 hours
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1333-86-4 carbon black

WEL (Great Britain)	Short-term value: 7 mg/m ³ Long-term value: 3,5 mg/m ³
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- **DNELs:** No further relevant information available.
- **PNECs:** No further relevant information available.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
Avoid close or long term contact with the skin.
Avoid breathing vapors.
- **Respiratory protection:**
Not required under normal conditions of use.
NIOSH or EU approved dust respirator should be used for operations generating dust.
- **Protection of hands:**
Gloves not required under normal conditions of use.
Wear protective gloves to handle contents of damaged or leaking units.
Gloves are advised for repeated or prolonged contact.
- **Eye protection:** Follow relevant national guidelines concerning the use of protective eyewear.
- **Body protection:** Not required under normal conditions of use.
- **Limitation and supervision of exposure into the environment:** Avoid release to the environment.
- **Risk management measures:** See Section 7 for additional information.

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

- **Appearance**
- Form:** Liquid
- Colour:** Brown
- **Odour:** Not determined.
- **Odour threshold:** Not determined.
- **pH-value:** Not determined.
- **Melting point/freezing point:** Not determined.
- **Initial boiling point and boiling range:** >100 °C
- **Flash point:** >100 °C
- **Flammability (solid, gas):** Not applicable.
- **Auto/Self-ignition temperature:** Not determined.

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· Decomposition temperature:	Not determined.
· Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· Explosion limits	
Lower:	Not determined.
Upper:	Not determined.
· Oxidising properties	Non-oxidising.
· Vapour pressure:	Not determined.
· Density:	
Relative density:	>1
Vapour density at 20 °C:	>1 g/cm ³ (Air = 1)
Evaporation rate at 20 °C:	<1 (Ethyl ether = 1)
· Solubility in / Miscibility with water:	Soluble.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity	
Dynamic:	Not determined.
Kinematic:	Not determined.
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability** Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions** Reacts with strong oxidising agents.
- **10.4 Conditions to avoid** Excessive heat.
- **10.5 Incompatible materials** Oxidising agents
- **10.6 Hazardous decomposition products**
Carbon monoxide and carbon dioxide
Nitrogen oxides (NO_x)
Sulphur oxides (SO_x)

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.

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· **LD/LC50 values relevant for classification:**

107-21-1 ethylene glycol

Dermal	LD50	9530 mg/kg (rabbit)
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111-46-6 2,2'-oxybisethanol

Oral	LD50	1120 mg/kg (man)
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		12565 mg/kg (rat)
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Dermal	LD50	11890 mg/kg (rabbit)
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· **Primary irritant effect**

· **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.

· **IARC (International Agency for Research on Cancer):**

1333-86-4	carbon black	2B
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14808-60-7	Quartz (SiO ₂)	1
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· **Probable routes of exposure:**

Ingestion.

Eye contact.

Skin contact.

· **Acute effects (acute toxicity, irritation and corrosivity):** May be harmful if swallowed.

· **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:**

May cause damage to the kidneys through prolonged or repeated exposure. Route of exposure: Oral.

· **Aspiration hazard:** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:** No further relevant information available.

· **12.2 Persistence and degradability** No further relevant information available.

· **12.3 Bioaccumulative potential** No further relevant information available.

· **12.4 Mobility in soil** No further relevant information available.

· **12.5 Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Other adverse effects** No further relevant information available.

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SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation**

Can be disposed of with household garbage after solidification following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

· **14.1 UN-Number**

· DOT, ADR, IMDG, IATA Not Regulated

· **14.2 UN proper shipping name**

· DOT, ADR, IMDG, IATA Not Regulated

· **14.3 Transport hazard class(es)**

· DOT, ADR, IMDG, IATA

· Class Not Regulated

· **14.4 Packing group**

· DOT, ADR, IMDG, IATA Not Regulated

· **14.5 Environmental hazards:**

· Marine pollutant: No

· **14.6 Special precautions for user**

Not applicable.

· **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

SECTION 15: Regulatory information

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

· **Carcinogenic Categories**

· **IARC (International Agency for Research on Cancer)**

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- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients are listed.
- **Other regulations, limitations and prohibitive regulations**

· **Substances of very high concern (SVHC) according to REACH, Article 57**

None of the ingredients are listed.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**

H302 Harmful if swallowed.

H373 May cause damage to the kidneys through prolonged or repeated exposure. Route of exposure: Oral.

- **Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

Acute Tox. 4: Acute toxicity – Category 4

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

- **Sources**

Website, European Chemicals Agency (echa.europa.eu)

Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)

Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaassen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers

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