## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

| | | |
|---|---|---|
| Trade Name | : | **9330212-1A**<br>COLORLINE PAINT METALLIC BRONZE BTL62GR |
| Description | : | Metallic Bronze Colorline Paint Sold in 62g Plastic Bottles with Screw Cap |

### 1.2 Relevant identified uses of the mixture and uses advised against

Application on glass and ceramic objects suited for firing.

### 1.3 Details of the supplier of the safety data sheet

| | | |
|---|---|---|
| Company | : | Creative Glass MHS AG<br>Geerenstrasse 13 - Kindhausen<br>8604 Volketswil / Switzerland |
| Telephone | : | +41 (0)44 908 11 55 |
| Fax | : | +41 (0)44 946 12 31 |
| Email | : | info@creative-glass.com |
| Contact | : | Mr. Harry Sowersby |

### 1.4 Emergency Telephone Number

| | | |
|---|---|---|
| 24h | : | Schweizerisches Toxikologisches Informationszentrum, Telefon: 145 |

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No. 1272/2008**
Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

**Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

**Information concerning particular hazards for human and environment**
The product has to be labelled due to the calculation procedure of the “General Classification guideline for preparations of the EU” in the latest valid version.

**Classification system**
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008**
Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

| | | |
|---|---|---|
| **Hazard pictograms** | : | Void |
| **Signal word** | : | Void |
| **Hazard statements** | : | Void |
| **Precautionary statements** | : | Void |
| **Additional information** | : | Void |

### 2.3 Other hazards

**Results of PBT and vPvB assessment**

| | | |
|---|---|---|
| PBT | : | Not applicable |
| vPvB | : | Not applicable. |

## 3. Composition/information on ingredients

### 3.1 Substance

Not applicable

### 3.2 Mixtures

**Description:**
Description: Mixture of coated micas and alkali borosilicate glass

**Dangerous components:** Void

| Chemical Name | CAS-No.<br>EC-No.<br>Registration number | Classification (67/548/EEC) | Classification (REGULATION (EC) No 1272/2008) | Concentration [%] |
|---|---|---|---|---|
| WEL Substance: | | | | |
| (2-methoxymethylethoxy) propanol | 34590-94-8<br>252-104-2<br>- | | | 3.5 - 7.5 |

## 4. First aid measures

### 4.1 Description of first aid measures

General advice : Do not leave the victim unattended.

If inhaled : Supply fresh air, consult doctor according to symptoms.

In case of skin contact : Rinse with warm water and soap.

In case of eye contact : Remove Contact Lens.
Rinse thoroughly for several minutes under running water.
Keep eye wide open while rinsing.
If eye irritation persists, consult doctor according to symptoms.

If swallowed : Rinse mouth thoroughly with water.
If symptoms persists, consult doctor according to symptoms.

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

No further relevant information available.

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

No further relevant information available.

## 5. Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### 5.2 Special hazards arising from the substance or mixture

| | | |
|---|---|---|
| Specific hazards during firefighting | : | Formation of toxic gases is possible during heating or in case of fire.<br>Do not allow run-off from fire fighting to enter drains or water courses. |

### 5.3 Advice for firefighters

| | | |
|---|---|---|
| Special protective equipment for firefighters | : | In the event of fire, wear self-contained breathing apparatus. |
| Further Information | : | Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |

## 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Not required

### 6.2 Environmental precautions

| | | |
|---|---|---|
| Environmental precautions | : | Try to prevent the material from entering drains or water courses.<br>If the product contaminates rivers and lakes or drains inform respective authorities.<br>No special environmental precautions required. |

### 6.3 Methods and materials for containment and cleaning up

| | | |
|---|---|---|
| Methods for cleaning up | : | Wipe up with absorbent material (e.g. cloth, fleece).<br>Keep in suitable, closed containers for disposal. |

### 6.4 Reference to other sections

See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

## 7. Handling and storage

### 7.1 Precautions for safe handling

| | | |
|---|---|---|
| Advice on safe handling | : | No special handling advice required.<br>Do not eat drink or smoke while using the product.<br>Open and handle container with care. |
| Advice on protection against fire and explosion | : | The product is not flammable |

### 7.2 Conditions for safe storage, including any incompatibilities

| | | |
|---|---|---|
| Requirements for storage areas and containers | : | Keep container tightly closed in a cool dry place |
| Advice on common storage | : | No special requirements |
| Further information about storage conditions | : | None |

### 7.3 Specific end use(s)

No further relevant information available.

## 8. Exposure controls/personal protection

### 8.1 Control parameters

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

The lists that were valid during the compilation were used as basis.

### 8.2 Exposure controls

| | | |
|---|---|---|
| General protective and hygienic measures | : | Wash hands during breaks and at the end of the work.<br>Do not eat, drink or smoke while working. |
| Respiratory protection | : | No personal respiratory protective equipment normally required. |
| Hand protection | : | For prolonged or repeated contact use protective gloves. |
| Eye protection | : | Wear safety glasses when needed |
| Environmental exposure controls | : | Try to prevent the material from entering drains or water courses.<br>If the product contaminates rivers and lakes or drains inform respective authorities.<br>No special environmental precautions required. |

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

| | | |
|---|---|---|
| Form | : | Liquid |
| Colour | : | According to product specification - See 1.1 |
| Odour | : | Characteristic |
| Odour Threshold | : | Not determined |
| pH | : | Not determined |
| Melting point/range | : | Not determined |
| Boiling point/boiling range | : | Not determined |
| Flash point | : | Not applicable |
| Evaporation rate | : | Not determined |
| Flammability (solid, gas) | : | Product is not flammable |
| Burning rate | : | Not applicable |
| Lower explosion limit | : | Not applicable |
| Upper explosion limit | : | Not applicable |
| Vapour pressure | : | Not determined |
| Relative density | : | Not determined |
| Density | : | 1.62 g/cm3, 20 °C |
| Water solubility | : | Soluble |
| Solubility in other solvents | : | Not determined |
| Partition coefficient: n-octanol/water | : | Not determined |
| Autoignition temperature | : | Not applicable |
| Thermal decomposition | : | Not determined |
| Viscosity, dynamic | : | Not determined |
| Explosive properties | : | Product is not explosive |

### 9.2 Other information

| | | |
|---|---|---|
| Bulk density | : | Not determined |

## 10. Stability and reactivity

### 10.1 Reactivity

Stable under recommended storage conditions. No decomposition if stored and applied as directed.

### 10.2 Chemical stability

To avoid thermal decomposition do not overheat. No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

No hazards to be specially mentioned.

### 10.4 Conditions to avoid

No further relevant information available.

### 10.4 Conditions to avoid

No further relevant information available.

### 10.5 Incompatible materials

No further relevant information available.

### 10.6 Hazardous decomposition products

No dangerous decomposition products known

## 11. Toxicological information

### 11.1 Information on toxicological effects

**Product**

| | | |
|---|---|---|
| Acute oral toxicity | : | Not determined |
| Acute inhalation toxicity | : | Not determined |
| Acute dermal toxicity | : | Not determined |
| Skin corrosion/irritation | : | No irritant effect |
| Serious eye damage/eye irritation | : | No irritant effect |
| Respiratory or skin sensitization | : | No sensitizing effect known. |
| Further information | : | Not determined |

## 12. Ecological information

### 12.1 Toxicity

**Product**

| | | |
|---|---|---|
| Acute aquatic toxicity | : | No further relevant information available. |
| Chronic aquatic toxicity | : | No further relevant information available. |

**Components**
*(2-methoxymethylethoxy)propanol*

| | | |
|---|---|---|
| Toxicity to fish | : | LC50: 10,000 mg/l, 96 h, Fish |
| Toxicity to daphnia and other aquatic invertebrates | : | LC50: 1,919 mg/l, 48 h, Daphnia |

### 12.2 Persistence and degradability

**Product**

| | | |
|---|---|---|
| Biodegradability | : | No further relevant information available. |

**Components**
*(2-methoxymethylethoxy)propanol*

| | | |
|---|---|---|
| Biodegradability | : | No further relevant information available. |

### 12.3 Bioaccumulative potential

**Product**

| | | |
|---|---|---|
| Bioaccumulation | : | No further relevant information available. |

**Components**
*(2-methoxymethylethoxy)propanol*

| | | |
|---|---|---|
| Bioaccumulation | : | No further relevant information available. |

### 12.4 Mobility in soil

**Product**

| | | |
|---|---|---|
| Distribution among environmental compartments | : | No further relevant information available. |

**Components**
*(2-methoxymethylethoxy)propanol*

| | | |
|---|---|---|
| Distribution among environmental compartments | : | Danger to drinking water if even small quantities leak into soil.<br>Do not allow product to reach ground water, water bodies or sewage system. |

### 12.5 Results of PBT and vPvB assessment

**Product**

| | | |
|---|---|---|
| Assessment | : | Not applicable |

### 12.6 Other adverse effects

**Product**

| | | |
|---|---|---|
| Additional ecological information | : | No further relevant information available. |

## 13. Disposal considerations

### 13.1 Waste treatment methods

**Product**

| | | |
|---|---|---|
| Recommendation | : | Must not be disposed of together with household garbage.<br>Do not allow product to reach sewage system. |
| European waste catalogue | : | 08 02 99 wastes not otherwise specified |

**Contaminated packaging**

| | | |
|---|---|---|
| Recommendation | : | Disposal must be made according to official regulations.<br>Empty remaining contents.<br>Empty containers should be taken to an approved waste handling site for recycling or disposal. |

## 14. Transport information

### 14.1 UN number

ADR, ADN, IMDG, IATA : Not dangerous goods

### 14.2 Proper shipping name

ADR, ADN, IMDG, IATA : Not dangerous goods

### 14.3 Transport hazard class

ADR, ADN, IMDG, IATA : Not dangerous goods

### 14.4 Packing group

ADR, IMDG, IATA : Not dangerous goods

### 14.5 Environmental hazards

ADR, ADN, IMDG, IATA : Not dangerous goods

### 14.6 Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

| | | |
|---|---|---|
| Ship type | : | Not applicable |
| Pollution category | : | Not applicable |

## 15. Regulatory information

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

| | | |
|---|---|---|
| EU SVHC - Candidate List of Substances of Very High Concern for Authorisation | : | This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57). |
| Major Accident Hazard Legislation | : | 96/82/EC Update: 2003<br>Directive 96/82/EC does not apply |

**Notification status**

| | | |
|---|---|---|
| REACH | : | This mixture contains only ingredients which have been subject to a pre-registration according to Regulation (EC) No. 1907/2006 (REACH). |
| CH INV | : | The formulation contains substances listed on the Swiss Inventory |
| US.TSCA | : | On TSCA Inventory |
| DSL | : | All components of this product are on the Canadian DSL list. |
| AICS | : | On the inventory, or in compliance with the inventory |
| NZIoC | : | On the inventory, or in compliance with the inventory |
| ENCS | : | Not in compliance with the inventory |
| ISHL | : | Not in compliance with the inventory |
| KECI | : | On the inventory, or in compliance with the inventory |
| PICCS | : | On the inventory, or in compliance with the inventory |
| IECSC | : | On the inventory, or in compliance with the inventory |

### 15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out.

## 16. Other information

**Other information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association