



## Safety Data Sheet

acc. to OSHA HCS

Printing date 10/01/2021

Reviewed on 07/27/2021

### 1 Identification

- **Product identifier**
- **Trade name:** GO397 METALLIC MEDIUM COARSE
- **Article number:** GO397
- **Application of the substance / the mixture** refer to the relevant Technical Data Sheet
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
General Paint Co. SAL  
P.O. Box 7623  
Beirut  
LEBANON  
info@generalpaint.biz
- **Information department:** Product Safety Department
- **Emergency telephone number:** 1-800-535-5053 contract number (89244)

### 2 Hazard(s) identification

- **Classification of the substance or mixture**  
Flam. Liq. 4 H227 Combustible liquid.
- **Label elements**
- **GHS label elements**  
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms** Void
- **Signal word** Warning
- **Hazard statements**  
Combustible liquid.
- **Precautionary statements**  
Keep away from flames and hot surfaces. – No smoking.  
Wear protective gloves/protective clothing/eye protection/face protection.  
In case of fire: Use CO2, powder or water spray to extinguish.  
Store in a well-ventilated place. Keep cool.  
Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Health = 0  
Fire = 2  
Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = \*0  
Fire = 2  
Reactivity = 0

(Contd. on page 2)



## Safety Data Sheet

acc. to OSHA HCS

Printing date 10/01/2021

Reviewed on 07/27/2021

**Trade name: GO397 METALLIC MEDIUM COARSE**

(Contd. of page 1)

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

111-76-2	2-butoxyethanol	>2.5-≤10%
71-36-3	butan-1-ol	>2.5-≤10%
7429-90-5	aluminium powder (stabilised)	>2.5-≤10%
107-98-2	1-methoxy-2-propanol	≤2.5%

### 4 First-aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.

(Contd. on page 3)



## Safety Data Sheet

acc. to OSHA HCS

Printing date 10/01/2021

Reviewed on 07/27/2021

**Trade name: GO397 METALLIC MEDIUM COARSE**

(Contd. of page 2)

**Environmental precautions:**

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

**Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

**Reference to other sections**

No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**Protective Action Criteria for Chemicals****PAC-1:**

111-76-2	2-butoxyethanol	60 ppm
71-36-3	butan-1-ol	60 ppm
107-98-2	1-methoxy-2-propanol	100 ppm
24937-78-8	Ethyl vinyl acetate copolymer	30 mg/m <sup>3</sup>
67-63-0	propan-2-ol	400 ppm
78-83-1	butanol	150 ppm
108-01-0	2-dimethylaminoethanol	3.7 ppm
108-65-6	2-methoxy-1-methylethyl acetate	50 ppm
1330-20-7	xylene	130 ppm
100-41-4	ethylbenzene	33 ppm

**PAC-2:**

111-76-2	2-butoxyethanol	120 ppm
71-36-3	butan-1-ol	800 ppm
107-98-2	1-methoxy-2-propanol	160 ppm
24937-78-8	Ethyl vinyl acetate copolymer	330 mg/m <sup>3</sup>
67-63-0	propan-2-ol	2000* ppm
78-83-1	butanol	1,300 ppm
108-01-0	2-dimethylaminoethanol	40 ppm
108-65-6	2-methoxy-1-methylethyl acetate	1,000 ppm
1330-20-7	xylene	920* ppm
100-41-4	ethylbenzene	1100* ppm

**PAC-3:**

111-76-2	2-butoxyethanol	700 ppm
71-36-3	butan-1-ol	8000** ppm
107-98-2	1-methoxy-2-propanol	660 ppm

(Contd. on page 4)



## Safety Data Sheet

acc. to OSHA HCS

Printing date 10/01/2021

Reviewed on 07/27/2021

**Trade name: GO397 METALLIC MEDIUM COARSE**

		(Contd. of page 3)
24937-78-8	Ethyl vinyl acetate copolymer	2,000 mg/m <sup>3</sup>
67-63-0	propan-2-ol	12000** ppm
78-83-1	butanol	8000* ppm
108-01-0	2-dimethylaminoethanol	72 ppm
108-65-6	2-methoxy-1-methylethyl acetate	5000* ppm
1330-20-7	xylene	2500* ppm
100-41-4	ethylbenzene	1800* ppm

### 7 Handling and storage

- **Handling:**
- **Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:**  
Keep ignition sources away - Do not smoke.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Storage class:** 10
- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**  
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.  
At this time, the remaining constituent has no known exposure limits.

#### 111-76-2 2-butoxyethanol

PEL	Long-term value: 240 mg/m <sup>3</sup> , 50 ppm Skin
REL	Long-term value: 24 mg/m <sup>3</sup> , 5 ppm Skin
TLV	Long-term value: 20 ppm BEI, A3

#### 71-36-3 butan-1-ol

PEL	Long-term value: 300 mg/m <sup>3</sup> , 100 ppm
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(Contd. on page 5)

US



## Safety Data Sheet

acc. to OSHA HCS

Printing date 10/01/2021

Reviewed on 07/27/2021

**Trade name: GO397 METALLIC MEDIUM COARSE**

(Contd. of page 4)

REL Ceiling limit value: 150 mg/m<sup>3</sup>, 50 ppm  
Skin

TLV Long-term value: 20 ppm

**107-98-2 1-methoxy-2-propanol**

REL Short-term value: 540 mg/m<sup>3</sup>, 150 ppm  
Long-term value: 360 mg/m<sup>3</sup>, 100 ppm

TLV Short-term value: 100 ppm  
Long-term value: 50 ppm  
A4

**Ingredients with biological limit values:****111-76-2 2-butoxyethanol**

BEI 200 mg/g creatinine  
Medium: urine  
Time: end of shift  
Parameter: Butoxyacetic acid (BAA) (with hydrolysis)

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Breathing equipment:** Not required.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:** Goggles recommended during refilling.

US

(Contd. on page 6)



## Safety Data Sheet

acc. to OSHA HCS

Printing date 10/01/2021

Reviewed on 07/27/2021

**Trade name: GO397 METALLIC MEDIUM COARSE**

(Contd. of page 5)

### 9 Physical and chemical properties

#### · Information on basic physical and chemical properties

##### · General Information

##### · Appearance:

**Form:**

Fluid

**Color:**

According to product description

##### · Odor:

Characteristic

##### · Odor threshold:

Not determined.

##### · pH-value at 20 °C (68 °F):

7.4-8.4

##### · Change in condition

**Melting point/Melting range:**

Undetermined.

**Boiling point/Boiling range:**

100 °C (212 °F)

##### · Flash point:

68 °C (154.4 °F)

##### · Flammability (solid, gaseous):

Not applicable.

##### · Ignition temperature:

240 °C (464 °F)

##### · Decomposition temperature:

Not determined.

##### · Auto igniting:

Product is not selfigniting.

##### · Danger of explosion:

Not determined.

##### · Explosion limits:

**Lower:**

Not determined.

**Upper:**

Not determined.

##### · Vapor pressure at 20 °C (68 °F):

23 hPa (17.3 mm Hg)

##### · Density at 20 °C (68 °F):

1.023 g/cm<sup>3</sup> (8.53694 lbs/gal)

##### · Relative density

Not determined.

##### · Vapor density

Not determined.

##### · Evaporation rate

Not determined.

##### · Solubility in / Miscibility with

**Water:**

Fully miscible.

##### · Partition coefficient (n-octanol/water):

Not determined.

##### · Viscosity:

**Dynamic:**

Not determined.

**Kinematic:**

Not determined.

##### · Solvent content:

**Organic solvents:**

10.7 %

**Water:**

72.0 %

**Coating VOC content:**

10.72 %

417.0 g/l / 3.48 lb/gal

(Contd. on page 7)

US



## Safety Data Sheet

acc. to OSHA HCS

Printing date 10/01/2021

Reviewed on 07/27/2021

**Trade name: GO397 METALLIC MEDIUM COARSE**

(Contd. of page 6)

<b>Material VOC content:</b>	109.7 g/l / 0.92 lb/gal
<b>Solids content:</b>	17.5 %
<b>Other information</b>	No further relevant information available.

### 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
- **Carcinogenic categories**

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

111-76-2	2-butoxyethanol	3
67-63-0	propan-2-ol	3
1330-20-7	xylene	3
100-41-4	ethylbenzene	2B

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

US

(Contd. on page 8)



## Safety Data Sheet

acc. to OSHA HCS

Printing date 10/01/2021

Reviewed on 07/27/2021

**Trade name: GO397 METALLIC MEDIUM COARSE**

(Contd. of page 7)

### 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

### 14 Transport information

- |                                       |                                  |
|---------------------------------------|----------------------------------|
| • <b>UN-Number</b>                    | NOT APPLICABLE                   |
| • <b>UN proper shipping name</b>      | NOT APPLICABLE                   |
| • <b>Transport hazard class(es)</b>   | NOT APPLICABLE<br>NOT APPLICABLE |
| • <b>Packing group</b>                | NOT APPLICABLE                   |
| • <b>Environmental hazards:</b>       |                                  |
| • <b>Marine pollutant:</b>            | No                               |
| • <b>Special precautions for user</b> | Not applicable.                  |

(Contd. on page 9)

US





## Safety Data Sheet

acc. to OSHA HCS

Printing date 10/01/2021

Reviewed on 07/27/2021

**Trade name: GO397 METALLIC MEDIUM COARSE**

(Contd. of page 8)

- **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.
- **Sara**

- **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

- **Section 313 (Specific toxic chemical listings):**

111-76-2	2-butoxyethanol
71-36-3	butan-1-ol
67-63-0	propan-2-ol
1330-20-7	xylene
100-41-4	ethylbenzene
52-51-7	bronopol (INN)

- **TSCA (Toxic Substances Control Act):**

7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE
111-76-2	2-butoxyethanol	ACTIVE
71-36-3	butan-1-ol	ACTIVE
107-98-2	1-methoxy-2-propanol	ACTIVE
24937-78-8	Ethyl vinyl acetate copolymer	ACTIVE
67-63-0	propan-2-ol	ACTIVE
53320-86-8	Silicic acid, lithium magnesium sodium salt	ACTIVE
78-83-1	butanol	ACTIVE
108-01-0	2-dimethylaminoethanol	ACTIVE
108-65-6	2-methoxy-1-methylethyl acetate	ACTIVE
1330-20-7	xylene	ACTIVE
100-41-4	ethylbenzene	ACTIVE
52-51-7	bronopol (INN)	ACTIVE
2634-33-5	1,2-benzisothiazol-3(2H)-one	ACTIVE
2682-20-4	2-methyl-2H-isothiazol-3-one	ACTIVE

- **Hazardous Air Pollutants**

1330-20-7	xylene
100-41-4	ethylbenzene

(Contd. on page 10)

US



## Safety Data Sheet

acc. to OSHA HCS

Printing date 10/01/2021

Reviewed on 07/27/2021

**Trade name: GO397 METALLIC MEDIUM COARSE**

(Contd. of page 9)

**· Proposition 65****· Chemicals known to cause cancer:**

100-41-4 ethylbenzene

**· Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

**· Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

**· Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

**· Carcinogenic categories****· EPA (Environmental Protection Agency)**

111-76-2	2-butoxyethanol	NL
71-36-3	butan-1-ol	D
1330-20-7	xylene	I
100-41-4	ethylbenzene	D

**· TLV (Threshold Limit Value)**

111-76-2	2-butoxyethanol	A3
67-63-0	propan-2-ol	A4
1330-20-7	xylene	A4
100-41-4	ethylbenzene	A3

**· NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

**· GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

**· Hazard pictograms** Void**· Signal word** Warning**· Hazard statements**

Combustible liquid.

**· Precautionary statements**

Keep away from flames and hot surfaces. – No smoking.

Wear protective gloves/protective clothing/eye protection/face protection.

In case of fire: Use CO<sub>2</sub>, powder or water spray to extinguish.

Store in a well-ventilated place. Keep cool.

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

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

US

(Contd. on page 11)



## Safety Data Sheet acc. to OSHA HCS

Printing date 10/01/2021

Reviewed on 07/27/2021

**Trade name: GO397 METALLIC MEDIUM COARSE**

(Contd. of page 10)

### 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.*

- **Department issuing SDS:** Product safety department
- **Contact:** N/A
- **Date of preparation / last revision** 10/01/2021 / -
- **Abbreviations and acronyms:**

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

BEI: Biological Exposure Limit

Flam. Liq. 4: Flammable liquids – Category 4

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