

Page 1/11

Safety Data Sheet acc. to OSHA HCS

Printing date 11/16/2024

Reviewed on 11/16/2024

1 Identification

- · Product identifier
- · Trade name: GO394 SILVER DOLLAR COARSE
- · Article number: GO394
- · 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. S.A.L.

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

Flammable liquids 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 = 0Fire = 2Reactivity = 0

· HMIS-ratings (scale 0 - 4)



Health = 0Fire = 2

Reactivity = 0

(Contd. on page 2)



Page 2/11

Safety Data Sheet acc. to OSHA HCS

Printing date 11/16/2024 Reviewed on 11/16/2024

Trade name: GO394 SILVER DOLLAR 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%
7429-90-5	aluminium powder (stabilised)	>2.5-≤10%
107-98-2	1-methoxy-2-propanol	≤2.5%
67-63-0	propan-2-ol	<i>≤</i> 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:
- CO2, 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.

HS





Safety Data Sheet acc. to OSHA HCS

Printing date 11/16/2024 Reviewed on 11/16/2024

Trade name: GO394 SILVER DOLLAR COARSE

(Contd. of page 2)

6 Accidental release measures

- · Personal precautions, protective equipment and emergency procedures Not required.
- · Environmental precautions: 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 section 13.

· 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:	2 hutavijathanal		60 nnm
	2-butoxyethanol		60 ppm
	1-methoxy-2-propanol		100 pp
	propan-2-ol		400 pp
108-01-0	2-dimethylaminoethanol		3.7 ppr
78-83-1	butanol		150 pp
108-65-6	2-methoxy-1-methylethyl acetate		50 ppn
1330-20-7	xylene		130 pp
100-41-4	ethylbenzene		33 ppn
140-88-5	ethyl acrylate		8.3 ppi
PAC-2:			
111-76-2	2-butoxyethanol		120 ppm
107-98-2	1-methoxy-2-propanol		160 ppm
67-63-0	propan-2-ol		2000* pp
108-01-0	2-dimethylaminoethanol		12 ppm
78-83-1	butanol		1,300 pp
108-65-6	2-methoxy-1-methylethyl acetate		1,000 pp
1330-20-7	xylene		920* ppn
100-41-4	ethylbenzene		1100* pp
140-88-5	ethyl acrylate		36 ppm
PAC-3:			
111-76-2	2-butoxyethanol	7	00 ppm
107-98-2	1-methoxy-2-propanol	6	60 ppm
67-63-0	propan-2-ol	1	2000** pp



Page 4/11

Safety Data Sheet acc. to OSHA HCS

Printing date 11/16/2024 Reviewed on 11/16/2024

Trade name: GO394 SILVER DOLLAR COARSE

			(Contd. of page 3)
10	8-01-0	2-dimethylaminoethanol	72 ppm
70	8-83-1	butanol	8000* ppm
		2-methoxy-1-methylethyl acetate	5000* ppm
		xylene	2500* ppm
		ethylbenzene	1800* ppm
14	0-88-5	ethyl acrylate	240 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: No special measures required.
- · 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: None.
- · 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 section 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-but	oxyet	hanol
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PEL Long-term value: 240 mg/m³, 50 ppm

Skin

REL Long-term value: 24 mg/m³, 5 ppm

Skin

TLV Long-term value: 20 ppm

BEI, A3

(Contd. on page 5)



Page 5/11

Safety Data Sheet acc. to OSHA HCS

Printing date 11/16/2024 Reviewed on 11/16/2024

Trade name: GO394 SILVER DOLLAR COARSE

(Contd. of page 4)

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

REL Short-term value: 540 mg/m³, 150 ppm Long-term value: 360 mg/m³, 100 ppm

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

A4

67-63-0 propan-2-ol

PEL Long-term value: 980 mg/m³, 400 ppm REL Short-term value: 1225 mg/m³, 500 ppm Long-term value: 980 mg/m³, 400 ppm

TLV Short-term value: 400 ppm Long-term value: 200 ppm

BEI, 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)

67-63-0 propan-2-ol

BEI 40 ma/L

Medium: urine

Time: end of shift at end of workweek

Parameter: Acetone (background, nonspecific)

- · 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

(Contd. on page 6)



Page 6/11

Safety Data Sheet acc. to OSHA HCS

Printing date 11/16/2024 Reviewed on 11/16/2024

Trade name: GO394 SILVER DOLLAR COARSE

· Material of gloves

(Contd. of page 5)

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.

9 Physical and chemical properties

· Information on basic physical and o	chemical properties
· 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:	Not applicable.
· Auto igniting:	240 °C (464 °F)
· Decomposition temperature:	Not determined.
· Ignition temperature:	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):	1.035 g/cm³ (8.63707 lbs/gal)
· Relative density `	Not determined.
· Vapor density	Not determined.
	(2

(Contd. on page 7)





Safety Data Sheet acc. to OSHA HCS

Printing date 11/16/2024 Reviewed on 11/16/2024

Trade name: GO394 SILVER DOLLAR COARSE

	(Co	ntd. of page
· Evaporation rate	Not determined.	
· Solubility in / Miscibility with		
Water:	Not miscible or difficult to mix.	
· Partition coefficient (n-octanol/v	vater): Not determined.	
· Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
· Solvent content:		
Organic solvents:	10.1 %	
Water:	71.5 %	
Coating VOC content:	10.07 %	
_	400.5 g/l / 3.34 lb/gal	
Material VOC content:	104.2 g/l / 0.87 lb/gal	
Solids content:	18.2 %	
· Other information	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:

· LD/LC50	· LD/LC50 values that are relevant for classification:		
111-76-2	2-butoxye	thanol	
Oral	LD50	1,200 mg/kg (ATE)	
		1,480 mg/kg (rat)	
Dermal	LD50	400 mg/kg (rab)	
Inhalative	LC50/4 h	3 mg/l (ATE)	

(Contd. on page 8)



Page 8/11

Safety Data Sheet acc. to OSHA HCS

Printing date 11/16/2024 Reviewed on 11/16/2024

Trade name: GO394 SILVER DOLLAR COARSE

(Contd. of page 7)

- · 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 (Inte	rnational Agency for Research on Cancer)	
111-76-2	2-butoxyethanol	3
	propan-2-ol	3
1330-20-7	xylene	3
	ethylbenzene	2B
140-88-5	ethyl acrylate	2B

NTP (National Toxicology Program)

None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

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.

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Page 9/11

Safety Data Sheet acc. to OSHA HCS

Printing date 11/16/2024 Reviewed on 11/16/2024

Trade name: GO394 SILVER DOLLAR COARSE

(Contd. of page 8)

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.

14 Transport information	
· UN-Number	NOT APPLICABLE
· UN proper shipping name	NOT APPLICABLE
· Transport hazard class(es)	NOT APPLICABLE NOT APPLICABLE
· Packing group	NOT APPLICABLE
· Environmental hazards: · Marine pollutant:	No
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex MARPOL73/78 and the IBC Code	t II of Not applicable.

15 Regulatory information

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

· Section 35	55 (extremely hazardous substances):		
None of the	e ingredients is listed.		
· Section 31	13 (Specific toxic chemical listings):		
	2-butoxyethanol		
67-63-0	propan-2-ol		
1330-20-7			
	ethylbenzene		
140-88-5	ethyl acrylate		

(Contd. on page 10)





Safety Data Sheet acc. to OSHA HCS

Printing date 11/16/2024 Reviewed on 11/16/2024

Trade name: GO394 SILVER DOLLAR COARSE

		(Contd. of page
	xic Substances Control Act):	
	water, distilled, conductivity or of similar purity	ACTIV
	2-butoxyethanol	ACTIV
	1-methoxy-2-propanol	ACTIV
	propan-2-ol	ACTIV
	2-dimethylaminoethanol	ACTIV
	butanol	ACTIV
	2-methoxy-1-methylethyl acetate	ACTIV
1330-20-7		ACTIV
	ethylbenzene	ACTIV
140-88-5	ethyl acrylate	ACTIV
Hazardou	s Air Pollutants	
1330-20-7	xylene	
100-41-4	ethylbenzene	
140-88-5	ethyl acrylate	
Proposition	on 65	
Chemicals	s known to cause cancer:	
	ethylbenzene	
140-88-5	ethyl acrylate	
Chemicals	s known to cause reproductive toxicity for females:	
None of th	e ingredients is listed.	
Chemicals	s known to cause reproductive toxicity for males:	
None of th	e ingredients is listed.	
Chemicals	s known to cause developmental toxicity:	
None of th	e ingredients is listed.	
_	enic categories	
•	ironmental Protection Agency)	
	2-butoxyethanol	Λ
1330-20-7	•	1
100-41-4	ethylbenzene	D
•	shold Limit Value)	
	2-butoxyethanol	A
67-63-0	propan-2-ol	A
1330-20-7	xylene	A
	ethylbenzene	



Page 11/11

Safety Data Sheet acc. to OSHA HCS

Printing date 11/16/2024 Reviewed on 11/16/2024

Trade name: GO394 SILVER DOLLAR COARSE

(Contd. of page 10)

140-88-5 ethyl acrylate

1/1

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

140-88-5 ethyl acrylate

· 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.

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

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 11/16/2024 / 1.0
- · 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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

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

Flammable liquids 4: Flammable liquids – Category 4

· * Data compared to the previous version altered.

US