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# Safety Data Sheet

acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/29/2024

# 1 Identification

· Product identifier

- · Trade name: B700C BASECOAT PEARL COPPER
- · Article number: B700C
- · 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@hymax.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 GHS02 Flame Flammable Liquids 2 H225 Highly flammable liquid and vapor. GHS08 Health hazard Carcinogenicity 2 H351 Suspected of causing cancer. Specific Target Organ Toxicity - Repeated Exposure H373 May cause damage to the hearing organs through prolonged or repeated exposure. 2 GHS07 Skin Irritation 2 H315 Causes skin irritation. Eye Irritation 2A H319 Causes serious eye irritation. Specific Target Organ Toxicity - Single Exposure 3 H336 May cause drowsiness or dizziness. · Label elements · GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS). (Contd. on page 2)



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#### Trade name: B700C BASECOAT PEARL COPPER

(Contd. of page 1) · Hazard pictograms GHS02 GHS07 GHS08 Signal word Danger · Hazard-determining components of labeling: 4-chloro-alpha, alpha, alpha-trifluorotoluene methyl acetate ethvlbenzene · Hazard statements Highly flammable liquid and vapor. Causes skin irritation. Causes serious eye irritation. Suspected of causing cancer. May cause drowsiness or dizziness. May cause damage to the hearing organs through prolonged or repeated exposure. Precautionary statements Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. Specific treatment (see on this label). Get medical advice/attention if you feel unwell. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. If eve irritation persists: Get medical advice/attention. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep container tightly closed. (Contd. on page 3)



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Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations.

- Classification system:
- · NFPA ratings (scale 0 4)

Health = 2 Fire = 3 Reactivity = 0

· HMIS-ratings (scale 0 - 4)

HEALTH2Health = 2FIRE3Fire = 3REACTIVITY0Reactivity = 0

- · 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:		
	methyl acetate	>25- <i>≤</i> 50%
98-56-6	4-chloro-alpha,alpha,alpha-trifluorotoluene	>25- <i>≤</i> 50%
	Solvent naphtha (petroleum), light arom.	>2.5- <i>≤</i> 10%
1330-20-7	-	>2.5- <i>≤</i> 10%
763-69-9	ethyl 3-ethoxypropionate	>2.5- <i>≤</i> 10%
100-41-4	ethylbenzene	<i>≤</i> 2.5%

### 4 First-aid measures

· Description of first aid measures

· General information:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

• After inhalation: In case of unconsciousness place patient stably in side position for transportation.

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- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. • 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.
- · For safety reasons unsuitable extinguishing agents: Water with full jet
- Special hazards arising from the substance or mixture During heating or in case of fire poisonous gases are produced.
- · Advice for firefighters
- · Protective equipment: Mouth respiratory protective device.

### 6 Accidental release measures

<ul> <li>Personal precautions, protective equipment and emerg Mount respiratory protective device.</li> <li>Wear protective equipment. Keep unprotected persons awa</li> <li>Environmental precautions: Do not allow to enter sewers.</li> <li>Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid bin Dispose contaminated material as waste according to section Ensure adequate ventilation.</li> <li>Reference to other sections See Section 7 for information on safe handling. See Section 8 for information on personal protection equipm See Section 13 for disposal information.</li> <li>Protective Action Criteria for Chemicals</li> </ul>	ny. / surface or ground water. nders, universal binders, sawdust). on 13.
· PAC-1:	
79-20-9 methyl acetate	250 ppm
1330-20-7 xylene	130 ppm
763-69-9 ethyl 3-ethoxypropionate	1.6 ppm
100-41-4 ethylbenzene	33 ppm
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(		(Contd. of page
	1-methoxy-2-propanol	100 ppn
123-86-4	n-butyl acetate	5 ppm
	2-methoxy-1-methylethyl acetate	50 ppm
7664-38-2	phosphoric acid	3 mg/m <sup>3</sup>
70657-70-4	2-methoxypropyl acetate	50 ppm
PAC-2:		
79-20-9	methyl acetate	1,700 ppm
1330-20-7	xylene	920* ppm
763-69-9	ethyl 3-ethoxypropionate	18 ppm
100-41-4	ethylbenzene	1100* ppr
107-98-2	1-methoxy-2-propanol	160 ppm
123-86-4	n-butyl acetate	200 ppm
108-65-6	2-methoxy-1-methylethyl acetate	1,000 ppm
7664-38-2	phosphoric acid	30 mg/m <sup>3</sup>
70657-70-4	2-methoxypropyl acetate	1,000 ppm
PAC-3:		
79-20-9	methyl acetate	10000* ppr
1330-20-7	xylene	2500* ppm
763-69-9	ethyl 3-ethoxypropionate	110 ppm
100-41-4	ethylbenzene	1800* ppm
107-98-2	1-methoxy-2-propanol	660 ppm
123-86-4	n-butyl acetate	3000* ppm
108-65-6	2-methoxy-1-methylethyl acetate	5000* ppm
7664-38-2	phosphoric acid	150 mg/m <sup>3</sup>
70657-70-4	2-methoxypropyl acetate	5,000 ppm

# 7 Handling and storage

### · Handling:

- Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.
   Open and handle receptacle with care.
   Prevent formation of aerosols.
   Information about protection against explosions and fires: Keep ignition sources away - Do not smoke.
- Protect against electrostatic charges.

Keep respiratory protective device available.

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- · Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: Store in a cool location.
- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep receptacle tightly sealed. Store in cool, dry conditions in well sealed receptacles.
- · Storage class: 3
- · 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 other constituents have no known exposure limits.

#### 79-20-9 methyl acetate PEL Long-term value: 610 mg/m<sup>3</sup>, 200 ppm

- REL Short-term value: 760 mg/m<sup>3</sup>, 250 ppm Long-term value: 610 mg/m<sup>3</sup>, 200 ppm
- TLV Short-term value: 250 ppm Long-term value: 200 ppm
- **1330-20-7 xylene** 

   PEL
   Long-term value: 435 mg/m³, 100 ppm

   REL
   Short-term value: 655 mg/m³, 150 ppm
- Long-term value: 435 mg/m<sup>3</sup>, 100 ppm TLV Long-term value: 20 ppm
- BEI, A4
- 100-41-4 ethylbenzene
- PEL Long-term value: 435 mg/m<sup>3</sup>, 100 ppm REL Short-term value: 545 mg/m<sup>3</sup>, 125 ppm
- Long-term value: 435 mg/m³, 100 ppm
- TLV Long-term value: 20 ppm OTO, BEI, A3

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-	redients with biological limit values:
	0-20-7 xylene
BEI	1.5 g/g creatinine Medium: urine Time: end of shift Decementary Methydhianyria agida
100	Parameter: Methylhippuric acids -41-4 ethylbenzene
BEI	0.15 g/g creatinine Medium: urine Time: end of shift at end of workweek Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific)
Δd	ditional information: The lists that were valid during the creation were used as basis.
Bre In c exp	id contact with the eyes and skin. <b>athing equipment:</b> ase of brief exposure or low pollution use respiratory filter device. In case of intensive or longer osure use respiratory protective device that is independent of circulating air. <b>tection of hands:</b>
en.	
The Due prej Sele deg	Protective gloves

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.

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# Trade name: B700C BASECOAT PEARL COPPER

· Eye protection:



Tightly sealed goggles

# 9 Physical and chemical properties

General Information	
Appearance:	
Form:	Liquid
Color:	Silver grey
Odor:	Characteristic
Odor threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	57 °C (134.6 °F)
Flash point:	-10 °C (14 °F)
Flammability:	Highly flammable.
Auto igniting:	455 °C (851 °F)
Decomposition temperature:	Not determined.
Ignition temperature:	Product is not selfigniting.
Danger of explosion:	Product is not explosive. However, formation of explosive ail vapor mixtures are possible.
Explosion limits:	
Lower:	3.1 Vol %
Upper:	16 Vol %
Vapor pressure at 20 °C (68 °F):	220 hPa (165 mm Hg)
Density at 20 °C (68 °F):	1.105 g/cm³ (9.22123 lbs/gal)
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not determined.

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· Solubility in / Miscibility with		
Water:	Not miscible or difficult to mix.	
· Partition coefficient (n-octanol/	water): Not determined.	
· Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
· Solvent content:		
Organic solvents:	73.0 %	
Coating VOC content:	15.43 %	
-	416.4 g/l / 3.47 lb/gal	
Material VOC content:	170.6 g/l / 1.42 lb/gal	
Solids content:	27.0 %	
· 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:
- · Primary irritant effect:
- on the skin: Irritant to skin and mucous membranes.
- · on the eye: Irritating effect.
- · Sensitization: No sensitizing effects known.
- · Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

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2B

2B

3

· Carcinogenic categories

· IARC (International Agency for Research on Cancer)

98-56-6 4-chloro-alpha,alpha,alpha-trifluorotoluene

1330-20-7 xylene

100-41-4 ethylbenzene

· 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 2 (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

- · 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.

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· UN-Number · DOT, ADR, IMDG, IATA	UN1263	
· UN proper shipping name		
DOT	Paint	
ADR	1263 PAINT	
IMDG, IATA	PAINT	
· Transport hazard class(es)	NOT APPLICABLE	
DOT		
Class	3 Flammable liquids	
Label	3	
Class	3 Flammable liquids	
Label	3	
· Packing group · DOT, ADR, IMDG, IATA	III	
· Environmental hazards: · Marine pollutant:	No	
· Special precautions for user	Warning: Flammable liquids	
EMS Number:	F-E, <u>S-Ĕ</u>	
Stowage Category	A	
• Transport in bulk according to Annex MARPOL73/78 and the IBC Code	Il of Not applicable.	
· Transport/Additional information:		
DOT Quantity limitations	On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L	
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· ADR	
<ul> <li>Excepted quantities (EQ)</li> </ul>	Code: E1
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml
·IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (ÉQ)	Code: E1
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml
· UN "Model Regulation":	UN 1263 PAINT, 3, III

# 15 Regulatory information

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

	e ingredients is listed.	
Section 31	13 (Specific toxic chemical listings):	
1330-20-7	xylene	
100-41-4	ethylbenzene	
7664-38-2	38-2 phosphoric acid	
TSCA (To	xic Substances Control Act):	
79-20-9	methyl acetate	ACTIV
98-56-6	4-chloro-alpha,alpha,alpha-trifluorotoluene	ACTIV
9004-36-8	cellulose acetate butyrate	ACTIV
1330-20-7	xylene	ACTIV
763-69-9	ethyl 3-ethoxypropionate	ACTIV
100-41-4	ethylbenzene	ACTIV
107-98-2	1-methoxy-2-propanol	ACTIV
123-86-4	n-butyl acetate	ACTIV
108-65-6	2-methoxy-1-methylethyl acetate	ACTIV
7664-38-2	phosphoric acid	ACTIV
Hazardous	s Air Pollutants	·
1330-20-7	xylene	
100-41-4	ethylbenzene	

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# Trade name: B700C BASECOAT PEARL COPPER

· Proposition 65	(Contd. of page 12)
Chemicals known to cause cancer:	
98-56-6 4-chloro-alpha,alpha,alpha-trifluorotoluene	
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)	
1330-20-7 xylene	1
100-41-4 ethylbenzene	D
TLV (Threshold Limit Value)	· · ·
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



- · Signal word Danger
- Hazard-determining components of labeling: 4-chloro-alpha,alpha,alpha-trifluorotoluene methyl acetate ethylbenzene
   Hazard statements

Highly flammable liquid and vapor. Causes skin irritation. Causes serious eye irritation. Suspected of causing cancer. May cause drowsiness or dizziness.



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(Contd. of page 13) May cause damage to the hearing organs through prolonged or repeated exposure. · Precautionary statements Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. Specific treatment (see on this label). Get medical advice/attention if you feel unwell. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up. 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 01/10/2025 / 1.0
- · Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

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