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Safety Data Sheet

acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

1 Identification

· Product identifier

- · Trade name: <u>B170C BASECOAT GREENISH BLUE</u>
- · Article number: B170C
- · 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 3 H226 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). (Ćontd. on page 2)



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Trade name: B170C BASECOAT GREENISH BLUE

(Contd. of page 1) · Hazard pictograms GHS02 GHS07 GHS08 Signal word Warning · Hazard-determining components of labeling: 4-chloro-alpha, alpha, alpha-trifluorotoluene methyl acetate ethvlbenzene · Hazard statements 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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(Contd. of page 2) 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)

 $\begin{array}{c} Health = 2\\ Fire = 3\\ Reactivity = 0 \end{array}$

· 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.

| · Dangerou | · Dangerous components: | |
|------------|---|-------------------|
| 79-20-9 | methyl acetate | >25- <i>≤</i> 50% |
| 98-56-6 | 4-chloro-alpha,alpha,alpha-trifluorotoluene | >25- <i>≤</i> 50% |
| 1330-20-7 | xylene | >10- <i>≤</i> 25% |
| 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.

- · 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.

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- · 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.

<u>5 Fire</u>-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
- \cdot 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

- Personal precautions, protective equipment and emergency procedures Mount respiratory protective device. Wear protective equipment. Keep unprotected persons away.
 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. Ensure adequate ventilation.
 Reference to other sections See Section 7 for information on safe handling.
 - 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: | | |
|-----------|---------------------------------|--------------------|
| 79-20-9 | methyl acetate | 250 ppm |
| 1330-20-7 | xylene | 130 ppm |
| 100-41-4 | ethylbenzene | 33 ppm |
| 107-98-2 | 1-methoxy-2-propanol | 100 ppm |
| 108-65-6 | 2-methoxy-1-methylethyl acetate | 50 ppm |
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| | | (Contd. of page 4) |
|-----------|---------------------------------|--------------------|
| · PAC-2: | | |
| 79-20-9 | methyl acetate | 1,700 ppm |
| 1330-20-7 | xylene | 920* ppm |
| 100-41-4 | ethylbenzene | 1100* ppm |
| 107-98-2 | 1-methoxy-2-propanol | 160 ppm |
| 108-65-6 | 2-methoxy-1-methylethyl acetate | 1,000 ppm |
| · PAC-3: | | |
| 79-20-9 | methyl acetate | 10000* ppm |
| 1330-20-7 | xylene | 2500* ppm |
| 100-41-4 | ethylbenzene | 1800* ppm |
| 107-98-2 | 1-methoxy-2-propanol | 660 ppm |
| 108-65-6 | 2-methoxy-1-methylethyl acetate | 5000* 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.
- · 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: 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.

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Trade name: B170C BASECOAT GREENISH BLUE (Contd. of page 5) · 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. 79-20-9 methyl acetate PEL Long-term value: 610 mg/m³, 200 ppm REL Short-term value: 760 mg/m³, 250 ppm Long-term value: 610 mg/m³, 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/m³, 100 ppm TLV Long-term value: 20 ppm BEI, A4 100-41-4 ethylbenzene PEL Long-term value: 435 mg/m³, 100 ppm REL Short-term value: 545 mg/m³, 125 ppm Long-term value: 435 mg/m³, 100 ppm TLV Long-term value: 20 ppm OTO, BEI, A3 · Ingredients with biological limit values: 1330-20-7 xylene BEI 1.5 q/q creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids 100-41-4 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) · Additional information: The lists that were valid during the creation were used as basis. · Exposure controls · Personal protective equipment: · General protective and hygienic measures: Keep away from foodstuffs, beverages and feed.

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(Contd. of page 6) Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Store protective clothing separately. Avoid contact with the eyes and skin. · Breathing equipment: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air. · 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:



Tightly sealed goggles

9 Physical and chemical properties

- Information on basic physical and chemical properties
- · General Information
- · Appearance:

Form:

Color: · Odor:

· Odor threshold:

Liquid greenish-blue Characteristic Not determined.

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| pH-value: | (Contd. of page) |
|---|---|
| • | Not determined. |
| Change in condition Melting point/Melting range: | Undetermined. |
| Boiling point/Boiling range: | 57 °C (134.6 °F) |
| Flash point: | 27 °C (80.6 °F) |
| • | Flammable. |
| Flammability: | |
| 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 air vapor mixtures are possible. |
| <u> </u> | |
| Explosion limits: Lower: | 1.1 Vol % |
| Upper: | 16 Vol % |
| Vapor pressure at 20 °C (68 °F): | 220 hPa (165 mm Hg) |
| | |
| Density at 20 °C (68 °F): Relative density | 1.08 g/cm³ (9.0126 lbs/gal) Not determined. |
| Vapor density | Not determined. |
| Evaporation rate | Not determined. |
| Solubility in / Miscibility with | |
| Water: | Not miscible or difficult to mix. |
| Partition coefficient (n-octanol/wat | er): Not determined. |
| Viscosity: | |
| Dynamic: | Not determined. |
| Kinematic: | Not determined. |
| Solvent content: | - / / / / |
| Organic solvents: | 74.4 % |
| Coating VOC content: | 16.02 % 417.6 a/l / 2.40 lb/act |
| Material VOC content: | 417.6 g/l / 3.49 lb/gal 173.0 g/l / 1.44 lb/gal |
| | |
| Solids content: | 25.5 % |
| Other information | No further relevant information available. |

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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.

1 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

· Carcinogenic categories

| j- | | |
|--------------|---|----|
| · IARC (Inte | rnational Agency for Research on Cancer) | |
| 98-56-6 | 4-chloro-alpha,alpha,alpha-trifluorotoluene | 2B |
| 1330-20-7 | • | 3 |
| 100-41-4 | ethylbenzene | 2B |
| · NTP (Natio | onal Toxicology Program) | |
| None of the | e ingredients is listed. | |
| | (Occupational Safety & Health Administration) | |
| None of the | e ingredients is listed. | |
| | | |

12 Ecological information

- · Toxicity
- · Aquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.

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· 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.

14 Transport information

| 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 | | |
| | | |
| HUMMINGE LIQUID | | |
| 3 | | |
| · Class | 3 Flammable liquids | |

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| | (Contd. of page |
|--|--|
| Label | 3 |
| ADR, IMDG, IATA | |
| • Class • Label | 3 Flammable liquids 3 |
| · Packing group · DOT, ADR, IMDG, IATA | <i>III</i> |
| Environmental hazards: Marine pollutant: | No |
| Special precautions for user EMS Number: Stowage Category | Warning: Flammable liquids F-E, <u>S-E</u> A |
| Transport in bulk according to Annex MARPOL73/78 and the IBC Code | I I of Not applicable. |
| Transport/Additional information: DOT Quantity limitations | On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L |
| ADR Excepted quantities (EQ) | Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml |
| · IMDG · Limited quantities (LQ) · Excepted quantities (EQ) | 5L 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.

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| Sara | | (Contd. of page |
|--------------|---|-----------------|
| | 5 (extremely hazardous substances): | |
| None of the | e ingredients is listed. | |
| Section 31 | 3 (Specific toxic chemical listings): | |
| 1330-20-7 | xylene | |
| 100-41-4 | ethylbenzene | |
| · TSCA (Tox | tic 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 |
| | ethylbenzene | ACTIV |
| | 1-methoxy-2-propanol | ACTIV |
| 108-65-6 | 2-methoxy-1-methylethyl acetate | ACTIV |
| Hazardous | Air Pollutants | |
| 1330-20-7 | xylene | |
| 100-41-4 | ethylbenzene | |
| · Propositio | n 65 | |
| · Chemicals | known to cause cancer: | |
| | l-chloro-alpha,alpha,alpha-trifluorotoluene | |
| 100-41-4 € | othylbenzene | |
| · Chemicals | known to cause reproductive toxicity for females: | |
| None of the | e ingredients is listed. | |
| - Chemicals | known to cause reproductive toxicity for males: | |
| None of the | e ingredients is listed. | |
| - Chemicals | known to cause developmental toxicity: | |
| None of the | e ingredients is listed. | |
| Carcinoge | nic categories | |
| | ronmental Protection Agency) | |
| 1330-20-7 | xylene | 1 |
| | ethylbenzene | 1 |
| TLV (Three | shold Limit Value) | |
| 1330-20-7 | • | A |
| | ethylbenzene | A |
| | | (Contd. on page |



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| NI | OSH-Ca (National Institute for Occupational Safety and Health) |
|-----|--|
| | one of the ingredients is listed. |
| | HS label elements |
| | he product is classified and labeled according to the Globally Harmonized System (GHS). |
| | azard pictograms |
| 110 | |
| | $\land \land \land$ |
| < | |
| | |
| G | HS02 GHS07 GHS08 |
| 0 | |
| Si | gnal word Warning |
| На | azard-determining components of labeling: |
| | chloro-alpha,alpha,alpha-trifluorotoluene |
| | ethyl acetate |
| | hylbenzene |
| | azard statements |
| | ammable liquid and vapor. |
| | auses skin irritation. |
| | auses serious eye irritation. |
| | ispected of causing cancer. |
| | ay cause drowsiness or dizziness. |
| | ay cause damage to the hearing organs through prolonged or repeated exposure. |
| | ecautionary statements |
| | btain special instructions before use. |
| | o not handle until all safety precautions have been read and understood. |
| | eep away from heat/sparks/open flames/hot surfaces No smoking. |
| | ound/bond container and receiving equipment. |
| | se explosion-proof electrical/ventilating/lighting/equipment. |
| | se only non-sparking tools. |
| | ike precautionary measures against static discharge. |
| | o not breathe dust/fume/gas/mist/vapors/spray. |
| | ash thoroughly after handling. |
| | se only outdoors or in a well-ventilated area. |
| | ear protective gloves/protective clothing/eye protection/face protection. |
| | on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| | INHALED: Remove person to fresh air and keep comfortable for breathing. |
| | in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and ea |
| | do. Continue rinsing. |
| | exposed or concerned: Get medical advice/attention. |
| | all a poison center/doctor if you feel unwell. |
| | pecific treatment (see on this label). |
| | et medical advice/attention if you feel unwell. |
| 00 | (Contd. on page |



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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 DOT: US Department of Transportation IATA: International Air Transport Association 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 Flammable Liquids 3: Flammable liquids - Category 3 Skin Irritation 2: Skin corrosion/irritation - Category 2 Eye Irritation 2A: Serious eye damage/eye irritation - Category 2A Carcinogenicity 2: Carcinogenicity – Category 2 Specific Target Organ Toxicity - Śingle Exposure 3: Specific target organ toxicity (single exposure) – Category 3 Specific Target Organ Toxicity - Repeated Exposure 2: Specific target organ toxicity (repeated exposure) - Category 2 * Data compared to the previous version altered.

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