

Safety Data Sheet

acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

1 Identification

- **Product identifier**
- **Trade name:** B458C BASECOAT MET. BLUE
- **Article number:** B458C
- **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

Aspiration Hazard 1

H304 May be fatal if swallowed and enters airways.



GHS07

Acute Toxicity - Inhalation 4 H332 Harmful if inhaled.

- **Label elements**

- **GHS label elements**

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

- **Hazard pictograms**



GHS02



GHS07



GHS08

(Contd. on page 2)

US




Safety Data Sheet acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

Trade name: B458C BASECOAT MET. BLUE

(Contd. of page 1)

- **Signal word** *Danger*
- **Hazard-determining components of labeling:**
n-butyl acetate
Naphtha (petroleum), hydrotreated heavy ethylbenzene
- **Hazard statements**
Flammable liquid and vapor.
Harmful if inhaled.
May be fatal if swallowed and enters airways.
- **Precautionary statements**
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.
If swallowed: Immediately call a poison center/doctor.
Do NOT induce vomiting.
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.
Call a poison center/doctor if you feel unwell.
In case of fire: Use CO2, powder or water spray to extinguish.
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 = 0
Fire = 3
Reactivity = 0
- **HMIS-ratings (scale 0 - 4)**

| | |
|------------|---|
| HEALTH | 0 |
| FIRE | 3 |
| REACTIVITY | 0 |

Health = 0
Fire = 3
Reactivity = 0
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.

(Contd. on page 3)



Safety Data Sheet

acc. to OSHA HCS

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Reviewed on 08/28/2024

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(Contd. of page 2)

3 Composition/information on ingredients

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

- **Dangerous components:**

| | | |
|-----------|---------------------------------|-----------|
| 123-86-4 | n-butyl acetate | >25-≤50% |
| 1330-20-7 | xylene | >2.5-≤10% |
| 108-65-6 | 2-methoxy-1-methylethyl acetate | ≤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:**
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately rinse with water.
- **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.

(Contd. on page 4)

US



Safety Data Sheet acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

Trade name: B458C BASECOAT MET. BLUE

(Contd. of page 3)

- **Advice for firefighters**
- **Protective equipment:** Mouth respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **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 section 13.
Ensure adequate ventilation.
- **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 disposal information.
- **Protective Action Criteria for Chemicals**

PAC-1:

| | | |
|-----------|---------------------------------|---------|
| 123-86-4 | n-butyl acetate | 5 ppm |
| 1330-20-7 | xylene | 130 ppm |
| 108-65-6 | 2-methoxy-1-methylethyl acetate | 50 ppm |

PAC-2:

| | | |
|-----------|---------------------------------|-----------|
| 123-86-4 | n-butyl acetate | 200 ppm |
| 1330-20-7 | xylene | 920* ppm |
| 108-65-6 | 2-methoxy-1-methylethyl acetate | 1,000 ppm |

PAC-3:

| | | |
|-----------|---------------------------------|-----------|
| 123-86-4 | n-butyl acetate | 3000* ppm |
| 1330-20-7 | xylene | 2500* 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.
Prevent formation of aerosols.

(Contd. on page 5)

US



Safety Data Sheet acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

Trade name: B458C BASECOAT MET. BLUE

(Contd. of page 4)

- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **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.
- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

123-86-4 n-butyl acetate

| | |
|-----|---|
| PEL | Long-term value: 710 mg/m ³ , 150 ppm |
| REL | Short-term value: 950 mg/m ³ , 200 ppm Long-term value: 710 mg/m ³ , 150 ppm |
| TLV | Short-term value: 150 ppm Long-term value: 50 ppm |

1330-20-7 xylene

| | |
|-----|---|
| PEL | Long-term value: 435 mg/m ³ , 100 ppm |
| REL | Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm |
| TLV | Long-term value: 20 ppm BEI, A4 |

108-65-6 2-methoxy-1-methylethyl acetate

| | |
|------|-------------------------|
| WEEL | Long-term value: 50 ppm |
|------|-------------------------|

- **Ingredients with biological limit values:**

1330-20-7 xylene

| | |
|-----|--|
| BEI | 1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids |
|-----|--|

- **Additional information:** The lists that were valid during the creation were used as basis.

(Contd. on page 6)

Safety Data Sheet acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

Trade name: **B458C BASECOAT MET. BLUE**

(Contd. of page 5)

- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
- **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: | Liquid |
| Color: | Silver grey |
| Odor: | Characteristic |

(Contd. on page 7)

US



Safety Data Sheet

acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

Trade name: B458C BASECOAT MET. BLUE

(Contd. of page 6)

| | |
|--|--|
| · Odor threshold: | Not determined. |
| · pH-value: | Not determined. |
| · Change in condition Melting point/Melting range: Boiling point/Boiling range: | Undetermined. 124-128 °C (255.2-262.4 °F) |
| · Flash point: | 24 °C (75.2 °F) |
| · Flammability: | Flammable. |
| · Auto igniting: | 370 °C (698 °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. |
| · Explosion limits: Lower: Upper: | 1.1 Vol % 7.5 Vol % |
| · Vapor pressure at 20 °C (68 °F): · Vapor pressure at 50 °C (122 °F): | 10.7 hPa (8 mm Hg) 55 hPa (41.3 mm Hg) |
| · Density at 20 °C (68 °F): · Relative density · Vapor density · Evaporation rate | 0.953 g/cm ³ (7.95279 lbs/gal) Not determined. Not determined. Not determined. |
| · Solubility in / Miscibility with Water: | Fully miscible. |
| · Partition coefficient (n-octanol/water): | Not determined. |
| · Viscosity: Dynamic: Kinematic: | Not determined. Not determined. |
| · Solvent content: Organic solvents: Coating VOC content: Material VOC content: | 55.1 % 55.13 % 0.0 g/l / 0.00 lb/gal 0.0 g/l / 0.00 lb/gal |
| · Solids content: | 27.4 % |

(Contd. on page 8)

US



Safety Data Sheet

acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

Trade name: B458C BASECOAT MET. BLUE

(Contd. of page 7)

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 values that are relevant for classification:**123-86-4 n-butyl acetate**

| | | |
|------------|----------|-----------------------|
| Oral | LD50 | 13,100 mg/kg (rat) |
| Dermal | LD50 | >5,000 mg/kg (rabbit) |
| Inhalative | LC50/4 h | >21 mg/l (rat) |

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Harmful

Carcinogenic categories**IARC (International Agency for Research on Cancer)**

| | | |
|-----------|--------|---|
| 1330-20-7 | xylene | 3 |
|-----------|--------|---|

NTP (National Toxicology Program)

None of the ingredients is listed.

(Contd. on page 9)

US

Safety Data Sheet

acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

Trade name: B458C BASECOAT MET. BLUE

(Contd. of page 8)

· 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 3 (Self-assessment): extremely hazardous for water
 Do not allow product to reach ground water, water course or sewage system, even in small quantities.
 Danger to drinking water if even extremely 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.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

- | | |
|----------------------------------|------------|
| · UN-Number | |
| · DOT, ADR, IMDG, IATA | UN1263 |
| · UN proper shipping name | |
| · DOT | Paint |
| · ADR | 1263 PAINT |

(Contd. on page 10)

Safety Data Sheet



acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

Trade name: **B458C BASECOAT MET. BLUE**

(Contd. of page 9)

| | |
|--|--|
| · IMDG, IATA | PAINT |
| · Transport hazard class(es) | NOT APPLICABLE |
| · DOT | |
|  | |
| · Class | 3 Flammable liquids |
| · Label | 3 |
| · ADR, IMDG, IATA | |
|  | |
| · 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, S-E |
| · Stowage Category | A |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | 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) | 5L |

(Contd. on page 11)

Safety Data Sheet

acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

Trade name: B458C BASECOAT MET. BLUE

(Contd. of page 10)

· **Excepted quantities (EQ)**

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

None of the ingredients is listed.

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

1330-20-7 xylene

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

123-86-4 n-butyl acetate

ACTIVE

1330-20-7 xylene

ACTIVE

108-65-6 2-methoxy-1-methylethyl acetate

ACTIVE

· **Hazardous Air Pollutants**

1330-20-7 xylene

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

None of the ingredients is listed.

· **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

I

· **TLV (Threshold Limit Value)**

1330-20-7 xylene

A4

(Contd. on page 12)

Safety Data Sheet acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

Trade name: **B458C BASECOAT MET. BLUE**

(Contd. of page 11)

· **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**



GHS02 GHS07 GHS08

· **Signal word** Danger

· **Hazard-determining components of labeling:**

n-butyl acetate

Naphtha (petroleum), hydrotreated heavy ethylbenzene

· **Hazard statements**

Flammable liquid and vapor.

Harmful if inhaled.

May be fatal if swallowed and enters airways.

· **Precautionary statements**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Keep container tightly closed.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting/equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Avoid breathing dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area.

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

If swallowed: Immediately call a poison center/doctor.

Do NOT induce vomiting.

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.

Call a poison center/doctor if you feel unwell.

In case of fire: Use CO2, powder or water spray to extinguish.

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.

US

(Contd. on page 13)



Safety Data Sheet acc. to OSHA HCS

Printing date 01/10/2025

Reviewed on 08/28/2024

Trade name: B458C BASECOAT MET. BLUE

(Contd. of page 12)

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)

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 3: Flammable liquids – Category 3

Acute Toxicity - Inhalation 4: Acute toxicity – Category 4

Aspiration Hazard 1: Aspiration hazard – Category 1

• *** Data compared to the previous version altered.**

US