



Safety Data Sheet according to HPR, Schedule 1

Printing date 10/09/2024

Reviewed on 07/29/2024

1 Identification

- **Product identifier**
- **Trade name:** 647C 2K ADDITIVE PURPLE
- **Article number:** 647C
- **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 identification

- **Classification of the substance or mixture**



GHS02 Flame

Flammable Liquids - Category 3

H226 Flammable liquid and vapour.



GHS07

Eye Irritation - Category 2A

H319 Causes serious eye irritation.

Skin Sensitizer - Category 1

H317 May cause an allergic skin reaction.

Specific Target Organ Toxicity - Single Exposure -
Category 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).

- **Hazard pictograms**



GHS02



GHS07

- **Signal word** Warning

(Contd. on page 2)

CA



Safety Data Sheet according to HPR, Schedule 1

Printing date 10/09/2024

Reviewed on 07/29/2024

Trade name: 647C 2K ADDITIVE PURPLE

(Contd. of page 1)

· Hazard-determining components of labeling:

n-butyl acetate
acetone
methyl methacrylate
2-hydroxyethyl methacrylate

· Hazard statements

Flammable liquid and vapour.
Causes serious eye irritation.
May cause an allergic skin reaction.
May cause drowsiness or dizziness.

· Precautionary statements

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Ground and bond container and receiving equipment.
Use explosion-proof [electrical/ventilating/lighting] equipment.
Use non-sparking tools.
Take actions to prevent static discharges.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or 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.
Call a poison center/doctor if you feel unwell.
Specific treatment (see on this label).
Take off contaminated clothing and wash it before reuse.
If skin irritation or rash 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.

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

Health = 2
Fire = 3
Reactivity = 0

(Contd. on page 3)

CA



Safety Data Sheet

according to HPR, Schedule 1

Printing date 10/09/2024

Reviewed on 07/29/2024

Trade name: 647C 2K ADDITIVE PURPLE

(Contd. of page 2)

· HMIS-ratings (scale 0 - 4)

| | |
|------------|---|
| HEALTH | 2 |
| FIRE | 3 |
| REACTIVITY | 0 |

Health = 2

Fire = 3

Reactivity = 0

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 | 10-30% w/w * |
| 67-64-1 | acetone | 10-30% w/w * |
| 1330-20-7 | xylene | 5-10% w/w * |
| 80-62-6 | methyl methacrylate | 0.1-1% w/w * |
| 868-77-9 | 2-hydroxyethyl methacrylate | 0.1-1% w/w * |

* Actual concentration ranges are withheld as a trade secret.

4 First-aid measures

· Description of first aid measures**· General information:** Immediately remove any clothing soiled by the product.**· After inhalation:**

Supply fresh air and to be sure call for a doctor.

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.

· 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.

CA

(Contd. on page 4)



Safety Data Sheet

according to HPR, Schedule 1

Printing date 10/09/2024

Reviewed on 07/29/2024

Trade name: 647C 2K ADDITIVE PURPLE

(Contd. of page 3)

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** 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.
- **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 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **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

(Contd. on page 5)

CA



Safety Data Sheet

according to HPR, Schedule 1

Printing date 10/09/2024

Reviewed on 07/29/2024

Trade name: 647C 2K ADDITIVE PURPLE

(Contd. of page 4)

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**

| | |
|----|---|
| EL | STEL: 150 ppm TWA: 50 ppm |
| EV | STEL: 950 mg/m ³ , 200 ppm TWA: 710 mg/m ³ , 150 ppm |

67-64-1 acetone

| | |
|----|-------------------------------|
| EL | STEL: 500 ppm TWA: 250 ppm |
| EV | STEL: 750 ppm TWA: 500 ppm |

1330-20-7 xylene

| | |
|----|---|
| EL | STEL: 150 ppm TWA: 100 ppm |
| EV | STEL: 650 mg/m ³ , 150 ppm TWA: 435 mg/m ³ , 100 ppm |

80-62-6 methyl methacrylate

| | |
|----|--------------------------------------|
| EL | STEL: 100 ppm TWA: 50 ppm S(D) |
| EV | STEL: 100 ppm TWA: 50 ppm |

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.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.

(Contd. on page 6)

CA



Safety Data Sheet

according to HPR, Schedule 1

Printing date 10/09/2024

Reviewed on 07/29/2024

Trade name: 647C 2K ADDITIVE PURPLE

(Contd. of page 5)

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:

Red

Odor:

Characteristic

Odor threshold:

Not determined.

pH-value:

Not determined.

Change in condition**Melting point/Melting range:**

Undetermined.

Boiling point/Boiling range:

55 °C

(Contd. on page 7)

-CA



Safety Data Sheet

according to HPR, Schedule 1

Printing date 10/09/2024

Reviewed on 07/29/2024

Trade name: 647C 2K ADDITIVE PURPLE

(Contd. of page 6)

| | |
|---|--|
| · Flash point: | 25 °C |
| · Flammability: | Flammable. |
| · Auto igniting: | 370 °C |
| · 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: | 1.2 Vol % |
| Upper: | 13 Vol % |
| · Vapor pressure at 20 °C: | 233 hPa |
| · Density at 20 °C: | 0.98312 g/cm ³ |
| · Relative density | 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/water): | Not determined. |
| · Viscosity: | |
| Dynamic: | Not determined. |
| Kinematic: | Not determined. |
| · Solvent content: | |
| Organic solvents: | 48.9 % |
| Coating VOC content: | 34.63 % |
| | 414.0 g/l / 3.45 lb/gal |
| Material VOC content: | 340.4 g/l / 2.84 lb/gal |
| Solids content: | 50.7 % |
| · 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.

(Contd. on page 8)

CA



Safety Data Sheet

according to HPR, Schedule 1

Printing date 10/09/2024

Reviewed on 07/29/2024

Trade name: 647C 2K ADDITIVE PURPLE

(Contd. of page 7)

- **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:** Irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

- **Carcinogenic categories**

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

| | | |
|-----------|----------------------|----|
| 1330-20-7 | xylene | 3 |
| 80-62-6 | methyl methacrylate | 3 |
| 97-88-1 | n-butyl methacrylate | 2B |
| 100-41-4 | ethylbenzene | 2B |

- **NTP (National Toxicology Program)**

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.

(Contd. on page 9)

CA



Safety Data Sheet according to HPR, Schedule 1

Printing date 10/09/2024

Reviewed on 07/29/2024

Trade name: 647C 2K ADDITIVE PURPLE

(Contd. of page 8)

- **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.

14 Transport information

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

- **Transport hazard class(es)**
- **DOT/TDG (Transport dangerous goods):**



- **Class** 3 Flammable liquids

(Contd. on page 10)

CA



Safety Data Sheet


according to HPR, Schedule 1

Printing date 10/09/2024

Reviewed on 07/29/2024

Trade name: 647C 2K ADDITIVE PURPLE

(Contd. of page 9)

| | |
|---|--|
| · Label | 3 |
| · ADR, IMDG, IATA | |
|  | |
| · Class | 3 Flammable liquids |
| · Label | 3 |
| · Packing group | |
| · DOT/TDG, 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/TDG | |
| · 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 |
| · 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.

(Contd. on page 11)

CA



Safety Data Sheet

according to HPR, Schedule 1

Printing date 10/09/2024

Reviewed on 07/29/2024

Trade name: 647C 2K ADDITIVE PURPLE

(Contd. of page 10)

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

None of the ingredients is listed.

· Section 313 (Specific toxic chemical listings):

| | |
|-----------|---------------------|
| 1330-20-7 | xylene |
| 80-62-6 | methyl methacrylate |
| 100-41-4 | ethylbenzene |

· TSCA (Toxic Substances Control Act):

| | | |
|------------|--|--------|
| 123-86-4 | n-butyl acetate | ACTIVE |
| 67-64-1 | acetone | ACTIVE |
| 1330-20-7 | xylene | ACTIVE |
| 9004-36-8 | cellulose acetate butyrate | ACTIVE |
| 80-62-6 | methyl methacrylate | ACTIVE |
| 868-77-9 | 2-hydroxyethyl methacrylate | ACTIVE |
| 97-88-1 | n-butyl methacrylate | ACTIVE |
| 136-53-8 | ZINC 2-ETHYLEXANOATE | ACTIVE |
| 100-41-4 | ethylbenzene | ACTIVE |
| 78-83-1 | butanol | ACTIVE |
| 64742-88-7 | Solvent naphtha (petroleum), medium aliph. | ACTIVE |
| 77-58-7 | dibutyltin dilaurate | ACTIVE |
| 57-55-6 | Propylene glycol | ACTIVE |

· Canadian substance listings:**· Canadian Domestic Substances List (DSL)**

| | |
|------------|--|
| 123-86-4 | n-butyl acetate |
| 67-64-1 | acetone |
| 1330-20-7 | xylene |
| 80-62-6 | methyl methacrylate |
| 868-77-9 | 2-hydroxyethyl methacrylate |
| 97-88-1 | n-butyl methacrylate |
| 136-53-8 | ZINC 2-ETHYLEXANOATE |
| 100-41-4 | ethylbenzene |
| 78-83-1 | butanol |
| 64742-88-7 | Solvent naphtha (petroleum), medium aliph. |
| 77-58-7 | dibutyltin dilaurate |
| 57-55-6 | Propylene glycol |

(Contd. on page 12)

CA



Safety Data Sheet

according to HPR, Schedule 1

Printing date 10/09/2024

Reviewed on 07/29/2024

Trade name: 647C 2K ADDITIVE PURPLE

(Contd. of page 11)

· Canadian Non-Domestic Substances List (NDSL)

None of the ingredients is listed.

· Canadian Ingredient Disclosure list (limit 0.1%)

None of the ingredients is listed.

· Canadian Ingredient Disclosure list (limit 1%)

123-86-4 n-butyl acetate

67-64-1 acetone

· GHS label elements

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

· Hazard pictograms

GHS02 GHS07

· Signal word Warning**· Hazard-determining components of labeling:**

n-butyl acetate

acetone

methyl methacrylate

2-hydroxyethyl methacrylate

· Hazard statements

Flammable liquid and vapour.

Causes serious eye irritation.

May cause an allergic skin reaction.

May cause drowsiness or dizziness.

· Precautionary statements

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Ground and bond container and receiving equipment.

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

Use non-sparking tools.

Take actions to prevent static discharges.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Contaminated work clothing should not be allowed out of the workplace.

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

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

(Contd. on page 13)



Safety Data Sheet according to HPR, Schedule 1

Printing date 10/09/2024

Reviewed on 07/29/2024

Trade name: 647C 2K ADDITIVE PURPLE

(Contd. of page 12)

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.
Call a poison center/doctor if you feel unwell.
Specific treatment (see on this label).
Take off contaminated clothing and wash it before reuse.
If skin irritation or rash 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 the latest revision of the safety data sheet** 10/09/2024 / 1.0
- **Abbreviations and acronyms:**
 - 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
- *** Data compared to the previous version altered.**

CA