

## Safety Data Sheet acc. to OSHA HCS

Printing date 03/03/2020

Reviewed on 09/28/2019

### 1 Identification

- **Product identifier**
- **Trade name:** W720 PEARL WHITE
- **Article number:** W720
- **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@generalpaint.biz  
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**  
Flam. Liq. 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 for extinction: CO2, powder or water spray.  
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 = 0  
Fire = 2  
Reactivity = 0

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· **HMIS-ratings (scale 0 - 4)**

|            |   |                |
|------------|---|----------------|
| HEALTH     | 0 | Health = 0     |
| FIRE       | 2 | Fire = 2       |
| REACTIVITY | 0 | Reactivity = 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.

|                                |                 |           |
|--------------------------------|-----------------|-----------|
| · <b>Dangerous components:</b> |                 |           |
| 111-76-2                       | 2-butoxyethanol | >2.5-≤10% |
| 67-63-0                        | propan-2-ol     | ≤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.

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- **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 item 13.  
Ensure adequate ventilation.
- **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:**

|           |                                 |         |
|-----------|---------------------------------|---------|
| 111-76-2  | 2-butoxyethanol                 | 60 ppm  |
| 67-63-0   | propan-2-ol                     | 400 ppm |
| 108-01-0  | 2-dimethylaminoethanol          | 3.7 ppm |
| 108-65-6  | 2-methoxy-1-methylethyl acetate | 50 ppm  |
| 1330-20-7 | xylene                          | 130 ppm |
| 100-41-4  | ethylbenzene                    | 33 ppm  |
| 140-88-5  | ethyl acrylate                  | 8.3 ppm |

- **PAC-2:**

|           |                                 |           |
|-----------|---------------------------------|-----------|
| 111-76-2  | 2-butoxyethanol                 | 120 ppm   |
| 67-63-0   | propan-2-ol                     | 2000* ppm |
| 108-01-0  | 2-dimethylaminoethanol          | 40 ppm    |
| 108-65-6  | 2-methoxy-1-methylethyl acetate | 1,000 ppm |
| 1330-20-7 | xylene                          | 920* ppm  |
| 100-41-4  | ethylbenzene                    | 1100* ppm |
| 140-88-5  | ethyl acrylate                  | 36 ppm    |

- **PAC-3:**

|          |                        |             |
|----------|------------------------|-------------|
| 111-76-2 | 2-butoxyethanol        | 700 ppm     |
| 67-63-0  | propan-2-ol            | 12000** ppm |
| 108-01-0 | 2-dimethylaminoethanol | 72 ppm      |

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|           |                                 | (Contd. of page 3) |
| 108-65-6  | 2-methoxy-1-methylethyl acetate | 5000* ppm          |
| 1330-20-7 | xylene                          | 2500* ppm          |
| 100-41-4  | ethylbenzene                    | 1800* ppm          |
| 140-88-5  | 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:**  
Keep ignition sources away - Do not smoke.
- **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:** 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 item 7.
- **Control parameters**

|   |  |
|---|--|
| <b>Components with limit values that require monitoring at the workplace:</b> |  |
| <b>111-76-2 2-butoxyethanol</b>   |  |
| PEL   | Long-term value: 240 mg/m <sup>3</sup> , 50 ppm<br>Skin  |
| REL   | Long-term value: 24 mg/m <sup>3</sup> , 5 ppm<br>Skin  |
| TLV   | Long-term value: 97 mg/m <sup>3</sup> , 20 ppm<br>BEI  |
| <b>67-63-0 propan-2-ol</b>  |  |
| PEL   | Long-term value: 980 mg/m <sup>3</sup> , 400 ppm   |
| REL   | Short-term value: 1225 mg/m <sup>3</sup> , 500 ppm<br>Long-term value: 980 mg/m <sup>3</sup> , 400 ppm       |
| TLV   | Short-term value: 984 mg/m <sup>3</sup> , 400 ppm<br>Long-term value: 492 mg/m <sup>3</sup> , 200 ppm<br>BEI |

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|  |   |
|--|---|
| <b>· Ingredients with biological limit values:</b> |   |
| <b>111-76-2 2-butoxyethanol</b>                    |   |
| BEI  | 200 mg/g creatinine<br>Medium: urine<br>Time: end of shift<br>Parameter: Butoxyacetic acid with hydrolysis        |
| <b>67-63-0 propan-2-ol</b>                         |   |
| BEI  | 40 mg/L<br>Medium: urine<br>Time: end of shift at end of workweek<br>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

- **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:** Goggles recommended during refilling.

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### 9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

|                          |                                  |
|--------------------------|----------------------------------|
| <b>Form:</b>             | Fluid                            |
| <b>Color:</b>            | According to product description |
| · <b>Odor:</b>           | Characteristic                   |
| · <b>Odor threshold:</b> | Not determined.                  |

- **pH-value at 20 °C (68 °F):** 7.4-8.4

- **Change in condition**

|                                     |                 |
|-------------------------------------|-----------------|
| <b>Melting point/Melting range:</b> | Undetermined.   |
| <b>Boiling point/Boiling range:</b> | 100 °C (212 °F) |

- **Flash point:** 68 °C (154.4 °F)

- **Flammability (solid, gaseous):** Not applicable.

- **Ignition temperature:** 240 °C (464 °F)

- **Decomposition temperature:** Not determined.

- **Auto igniting:** Product is not selfigniting.

- **Danger of explosion:** Not determined.

- **Explosion limits:**

|               |                 |
|---------------|-----------------|
| <b>Lower:</b> | Not determined. |
| <b>Upper:</b> | Not determined. |

- **Vapor pressure at 20 °C (68 °F):** 23 hPa (17.3 mm Hg)

- **Density at 20 °C (68 °F):** 1.065 g/cm<sup>3</sup> (8.88743 lbs/gal)

- **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:**

|                   |                 |
|-------------------|-----------------|
| <b>Dynamic:</b>   | Not determined. |
| <b>Kinematic:</b> | Not determined. |

- **Solvent content:**

**Organic solvents:** 7.5 %

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|                              |  |
|------------------------------|--|
| <b>Water:</b>                | 69.6 %                                     |
| <b>Coating VOC content:</b>  | 7.47 %                                     |
|                              | 307.8 g/l / 2.57 lb/gal                    |
| <b>Material VOC content:</b> | 79.5 g/l / 0.66 lb/gal                     |
| <b>Solids content:</b>       | 22.6 %                                     |
| <b>Other information</b>     | 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:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
- **Carcinogenic categories**

|   |                 |    |
|---|-----------------|----|
| · <b>IARC (International Agency for Research on Cancer)</b> |                 |    |
| 111-76-2  | 2-butoxyethanol | 3  |
| 67-63-0   | propan-2-ol     | 3  |
| 1330-20-7   | xylene          | 3  |
| 100-41-4  | ethylbenzene    | 2B |
| 140-88-5  | ethyl acrylate  | 2B |

· **NTP (National Toxicology Program)**  
None of the ingredients is listed.

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· **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.

## 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

|                                     |                                  |
|-------------------------------------|----------------------------------|
| · <b>UN-Number</b>                  | NOT APPLICABLE                   |
| · <b>UN proper shipping name</b>    | NOT APPLICABLE                   |
| · <b>Transport hazard class(es)</b> | NOT APPLICABLE<br>NOT APPLICABLE |
| · <b>Packing group</b>              | NOT APPLICABLE                   |

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- **Environmental hazards:**
- **Marine pollutant:** No
- **Special precautions for user** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

## 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

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

None of the ingredients is listed.

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

111-76-2 2-butoxyethanol

67-63-0 propan-2-ol

1330-20-7 xylene

100-41-4 ethylbenzene

140-88-5 ethyl acrylate

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

All components have the value ACTIVE.

- **Hazardous Air Pollutants**

1330-20-7 xylene

100-41-4 ethylbenzene

140-88-5 ethyl acrylate

- **Proposition 65**

- **Chemicals known to cause cancer:**

100-41-4 ethylbenzene

140-88-5 ethyl acrylate

- **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.

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- **Carcinogenic categories**

- **EPA (Environmental Protection Agency)**

|           |                 |    |
|-----------|-----------------|----|
| 111-76-2  | 2-butoxyethanol | NL |
| 1330-20-7 | xylene          | I  |
| 100-41-4  | ethylbenzene    | D  |

- **TLV (Threshold Limit Value established by ACGIH)**

|           |                 |    |
|-----------|-----------------|----|
| 111-76-2  | 2-butoxyethanol | A3 |
| 67-63-0   | propan-2-ol     | A4 |
| 1330-20-7 | xylene          | A4 |
| 100-41-4  | ethylbenzene    | A3 |
| 140-88-5  | ethyl acrylate  | A4 |

- **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 for extinction: CO<sub>2</sub>, powder or water spray.

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** 03/03/2020 / -

- **Abbreviations and acronyms:**

ACGIH: American Conference of Governmental Industrial Hygienists

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)

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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  
Flam. Liq. 4: Flammable liquids – Category 4

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