



### 1 Identification

- **Product identifier**
- **Trade name:** 602 WHITE
- **Article number:** 602
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
General Paint Co. SAL  
P.O. Box 7623  
Beirut  
LEBANON  
info@generalpaint.biz
- **Information department:** Product safety department
- **Emergency telephone number:** 1-800-535-5053

### 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flam. Liq. 3 H226 Flammable liquid and vapor.



GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 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



GHS08

- **Signal word** Warning

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

n-butyl acetate

Solvent naphtha (petroleum), light arom.

2,3-epoxypropyl neodecanoate

2-hydroxyethyl methacrylate

methyl methacrylate

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**Hazard statements**

- Flammable liquid and vapor.
- Causes skin irritation.
- May cause an allergic skin reaction.
- Suspected of causing cancer.
- May cause drowsiness or dizziness.

**Precautionary statements**

- Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- Use explosion-proof electrical/ventilating/lighting/equipment.
- Avoid breathing dust/fume/gas/mist/vapors/spray
- Wear protective gloves / eye protection / face protection.
- Ground/bond container and receiving equipment.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Wash thoroughly after handling.
- Use only outdoors or in a well-ventilated area.
- Contaminated work clothing must not be allowed out of the workplace.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- Specific treatment (see on this label).
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Call a poison center/doctor if you feel unwell.
- Wash contaminated clothing before reuse.
- IF exposed or concerned: Get medical advice/attention.
- If skin irritation or rash occurs: Get medical advice/attention.
- In case of fire: Use for extinction: CO2, powder or water spray.
- Take off contaminated clothing and wash it before reuse.
- Store locked up.
- Store in a well-ventilated place. Keep container tightly closed.
- 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)**



**HMIS-ratings (scale 0 - 4)**



**Other hazards**

**Results of PBT and vPvB assessment**

- PBT: Not applicable.
- vPvB: Not applicable.

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### 3 Composition/information on ingredients

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

- **Dangerous components:**

123-86-4	<i>n</i> -butyl acetate	10-25%
1330-20-7	<i>xylene</i>	10-25%
64742-95-6	<i>Solvent naphtha (petroleum), light arom.</i>	½ 2.5%
80-62-6	<i>methyl methacrylate</i>	½ 2.5%
26761-45-5	<i>2,3-epoxypropyl neodecanoate</i>	½ 2.5%
100-41-4	<i>ethylbenzene</i>	½ 2.5%
868-77-9	<i>2-hydroxyethyl methacrylate</i>	½ 2.5%

### 4 First-aid measures

- **Description of first aid measures**
- **General information:**  
*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:** *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:** *CO<sub>2</sub>, sand, extinguishing powder. Do not use water.*
- **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:** *Mouth respiratory protective device.*

### 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.*

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- Ensure adequate ventilation.*
- Do not flush with water or aqueous cleansing agents*
- **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
- **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**

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

**123-86-4 n-butyl acetate**

PEL	Long-term value: 710 mg/m <sup>3</sup> , 150 ppm
REL	Short-term value: 950 mg/m <sup>3</sup> , 200 ppm Long-term value: 710 mg/m <sup>3</sup> , 150 ppm
TLV	Short-term value: (950) NIC-712 mg/m <sup>3</sup> , (200) NIC-150 ppm Long-term value: (713) NIC-238 mg/m <sup>3</sup> , (150) NIC-50 ppm

**1330-20-7 xylene**

PEL	Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
REL	Short-term value: 655 mg/m <sup>3</sup> , 150 ppm Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
TLV	Short-term value: 651 mg/m <sup>3</sup> , 150 ppm Long-term value: 434 mg/m <sup>3</sup> , 100 ppm BEI

· **Ingredients with biological limit values:**

**1330-20-7 xylene**

BEI	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids
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- **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.  
Wash hands before breaks and at the end of work.  
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:	Liquid
Color:	White
Odor:	Characteristic
Odour threshold:	Not determined.

· pH-value:	Not determined.
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#### · Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	124 °C (255 °F)

· Flash point:	25 °C (77 °F)
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· <b>Flammability (solid, gaseous):</b>	<i>Not applicable.</i>
· <b>Ignition temperature:</b>	370 °C (698 °F)
· <b>Decomposition temperature:</b>	<i>Not determined.</i>
· <b>Auto igniting:</b>	<i>Product is not selfigniting.</i>
· <b>Danger of explosion:</b>	<i>Product is not explosive. However, formation of explosive air/vapor mixtures are possible.</i>
· <b>Explosion limits:</b>	
Lower:	1.1 Vol %
Upper:	7.5 Vol %
· <b>Vapor pressure at 20 °C (68 °F):</b>	10.7 hPa (8 mm Hg)
· <b>Density at 20 °C (68 °F):</b>	1.15 g/cm <sup>3</sup> (9.597 lbs/gal)
· <b>Relative density</b>	<i>Not determined.</i>
· <b>Vapour density</b>	<i>Not determined.</i>
· <b>Evaporation rate</b>	<i>Not determined.</i>
· <b>Solubility in / Miscibility with Water:</b>	<i>Not miscible or difficult to mix.</i>
· <b>Partition coefficient (n-octanol/water):</b>	<i>Not determined.</i>
· <b>Viscosity:</b>	
Dynamic:	<i>Not determined.</i>
Kinematic:	<i>Not determined.</i>
· <b>Solvent content:</b>	
Organic solvents:	35.6 %
Coating VOC content:	35.6 %
	409.5 g/l / 3.42 lb/gl
Material VOC content:	409.5 g/l / 3.42 lb/gl
Solids content:	63.7 %
· <b>Other information</b>	<i>No further relevant information available.</i>

## 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.*

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### 11 Toxicological information

· **Information on toxicological effects**

· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

**1330-20-7 xylene**

Oral	LD50	4300 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)

**64742-95-6 Solvent naphtha (petroleum), light arom.**

Oral	LD50	>6800 mg/kg (rat)
Dermal	LD50	>3400 mg/kg (rab)
Inhalative	LC50/4 h	>10.2 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
80-62-6	methyl methacrylate	3
100-41-4	ethylbenzene	2B

· **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.

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· **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)**
- **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*
- **Danger code (Kemler):** *30*
- **EMS Number:** *F-E, S-E*
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** *Not applicable.*

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· <b>Transport/Additional information:</b>	
· <b>DOT</b>	
· <b>Quantity limitations</b>	On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L
· <b>ADR</b>	
· <b>Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· <b>IMDG</b>	
· <b>Limited quantities (LQ)</b>	5L
· <b>Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· <b>UN "Model Regulation":</b>	UN1263, Paint, 3, III

## 15 Regulatory information

· <b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>		
· <b>Sara</b>		
· <b>Section 355 (extremely hazardous substances):</b>		
None of the ingredients is listed.		
· <b>Section 313 (Specific toxic chemical listings):</b>		
1330-20-7	xylene	
80-62-6	methyl methacrylate	
100-41-4	ethylbenzene	
· <b>TSCA (Toxic Substances Control Act):</b>		
All ingredients are listed.		
· <b>Proposition 65</b>		
· <b>Chemicals known to cause cancer:</b>		
100-41-4	ethylbenzene	
· <b>Chemicals known to cause reproductive toxicity for females:</b>		
None of the ingredients is listed.		
· <b>Chemicals known to cause reproductive toxicity for males:</b>		
None of the ingredients is listed.		
· <b>Chemicals known to cause developmental toxicity:</b>		
None of the ingredients is listed.		
· <b>Carcinogenic categories</b>		
· <b>EPA (Environmental Protection Agency)</b>		
1330-20-7	xylene	I
80-62-6	methyl methacrylate	E, NL
100-41-4	ethylbenzene	D
· <b>TLV (Threshold Limit Value established by ACGIH)</b>		
1330-20-7	xylene	A4

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80-62-6	methyl methacrylate	A4
100-41-4	ethylbenzene	A3
77-58-7	dibutyltin dilaurate	A4

· **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** *Warning*

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

- n-butyl acetate*
- Solvent naphtha (petroleum), light arom.*
- 2,3-epoxypropyl neodecanoate*
- 2-hydroxyethyl methacrylate*
- methyl methacrylate*

· **Hazard statements**

- Flammable liquid and vapor.*
- Causes skin irritation.*
- May cause an allergic skin reaction.*
- Suspected of causing cancer.*
- May cause drowsiness or dizziness.*

· **Precautionary statements**

- Keep away from heat/sparks/open flames/hot surfaces. - No smoking.*
- Use explosion-proof electrical/ventilating/lighting/equipment.*
- Avoid breathing dust/fume/gas/mist/vapors/spray*
- Wear protective gloves / eye protection / face protection.*
- Ground/bond container and receiving equipment.*
- Use only non-sparking tools.*
- Take precautionary measures against static discharge.*
- Wash thoroughly after handling.*
- Use only outdoors or in a well-ventilated area.*
- Contaminated work clothing must not be allowed out of the workplace.*
- Obtain special instructions before use.*
- Do not handle until all safety precautions have been read and understood.*
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.*
- Specific treatment (see on this label).*
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.*
- Call a poison center/doctor if you feel unwell.*
- Wash contaminated clothing before reuse.*
- IF exposed or concerned: Get medical advice/attention.*
- If skin irritation or rash occurs: Get medical advice/attention.*
- In case of fire: Use for extinction: CO2, powder or water spray.*
- Take off contaminated clothing and wash it before reuse.*
- Store locked up.*
- Store in a well-ventilated place. Keep container tightly closed.*
- Store in a well-ventilated place. Keep cool.*

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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:** Ms. Topaljikian

· **Date of preparation / last revision** 10/14/2015 / -

· **Abbreviations and acronyms:**

*ADR: Accord européen sur le transport 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*

*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)*

*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*

*Flam. Liq. 3: Flammable liquids, Hazard Category 3*

*Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2*

*Skin Sens. 1: Sensitisation - Skin, Hazard Category 1*

*Carc. 2: Carcinogenicity, Hazard Category 2*

*STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3*