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Reviewed on 06/28/2019

1 Identification

- · Product identifier
- · Trade name: 777 PEARL GREEN
- · Article number: 777
- · 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(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.
STOT RE 2 H373 May cause damage to the hearing organs through prolonged or repeated exposure.
GHS07
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

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(Contd. of page 1) · Signal word Warning · Hazard-determining components of labeling: n-butyl acetate ethylbenzene · Hazard statements Flammable liquid and vapor. Suspected of causing cancer. May cause drowsiness or dizziness. May cause damage to the hearing organs through prolonged or repeated exposure. · Precautionarv 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. 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 exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. Get medical advice/attention if you feel unwell. In case of fire: Use for extinction: CO2, powder or water spray. 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 = 0Fire = 3Reactivity = 0· HMIS-ratings (scale 0 - 4)

HEALTHImage: 0FIRE3REACTIVITY6Reactivity0

Other hazards

- · Results of PBT and vPvB assessment
- · PBT: Not applicable.

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· vPvB: Not applicable.

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	>50- <i>≤</i> 100%
1330-20-7	xylene	>2.5- <i>≤</i> 10%
64742-95-6	Solvent naphtha (petroleum), light arom.	>2.5- <i>≤</i> 10%
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: Supply fresh air; consult doctor in case of complaints.
- · 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.

- · For safety reasons unsuitable extinguishing agents: Water with full jet
- · 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.

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6 Accidenta	al release measures				
 Personal prince Mount respination Wear protect Environmeniation Methods are Absorb with Dispose core Ensure adect Reference at See Section See Section See Section 	recautions, protective equipment and emergency procedures ratory protective device. etive equipment. Keep unprotected persons away. Intal precautions: Do not allow to enter sewers/ surface or ground water. Ind material for containment and cleaning up: liquid-binding material (sand, diatomite, acid binders, universal binders, sawdue that minated material as waste according to item 13. equate ventilation. to other sections of for information on safe handling. 8 for information on personal protection equipment. 13 for disposal information.	st).			
	Action Criteria for Chemicals				
· PAC-1:					
	n-butyl acetate	5 ppm			
1330-20-7	xylene	130 ppm			
	ethylbenzene	33 ppm			
	1-methoxy-2-propanol	100 ppm			
108-65-6	2-methoxy-1-methylethyl acetate	50 ppm			
	phosphoric acid	3 mg/m³			
70657-70-4	2-methoxypropyl acetate	50 ppm			
· PAC-2:					
123-86-4	n-butyl acetate	200 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			
7664-38-2	phosphoric acid	30 mg/m³			
70657-70-4	2-methoxypropyl acetate	1,000 ppm			
· PAC-3:	PAC-3:				
123-86-4	n-butyl acetate	3000* ppm			
1330-20-7		2500* ppm			
100-41-4		1800* ppm			
		660 ppm			
108-65-6	2-methoxy-1-methylethyl acetate	5000* ppm			
7664-38-2	phosphoric acid	150 mg/m³			
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70657-70-4 2-methoxypropyl acetate

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 item 7. · 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. 123-86-4 n-butyl acetate PEL Long-term value: 710 mg/m³, 150 ppm REL Short-term value: 950 mg/m³, 200 ppm Long-term value: 710 mg/m³, 150 ppm TLV Short-term value: 712 mg/m³. 150 ppm Long-term value: 238 mg/m³, 50 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 Short-term value: 651 mg/m³, 150 ppm Long-term value: 434 mg/m³, 100 ppm BEI

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5,000 ppm

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	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: 87 mg/m³, 20 ppm
	BEI
Ingr	edients with biological limit values:
1330	-20-7 xylene
BEI	1.5 g/g creatinine
	Medium: urine
	Time: end of shift
	Parameter: Methylhippuric acids
	41-4 ethylbenzene
	0.7 g/g creatinine
	Medium: urine
	Time: end of shift at end of workweek
	Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative)
	-
	Medium: end-exhaled air
	Time: not critical
	Parameter: Ethyl benzene (semi-quantitative)
Add	itional information: The lists that were valid during the creation were used as basis.
	osure controls
Pers	onal protective equipment:
	eral protective and hygienic measures:
	away from foodstuffs, beverages and feed.
	ediately remove all soiled and contaminated clothing.
	h hands before breaks and at the end of work.
	e protective clothing separately. thing equipment:
	use of brief exposure or low pollution use respiratory filter device. In case of intensive or longe
	sure use respiratory protective device that is independent of circulating air.
	ection of hands:
I	
- day	Protective gloves
The	glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
	to missing tests no recommendation to the glove material can be given for the product/ the
	aration/ the chemical mixture.
	ction of the glove material on consideration of the penetration times, rates of diffusion and the

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

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· 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 prope	rties
 Information on basic physical and General Information 	chemical properties
· Appearance: Form:	Liquid
Color:	Green
· Odor:	Characteristic
· Odor threshold:	Not determined.
· pH-value:	Not determined.
 Change in condition Melting point/Melting range: Boiling point/Boiling range: 	Undetermined. 124 °C (255.2 °F)
· Flash point:	27 °C (80.6 °F)
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	370 °C (698 °F)
· Decomposition temperature:	Not determined.
· Auto igniting:	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:	7.5 Vol %
· Vapor pressure at 20 °C (68 °F):	10.7 hPa (8 mm Hg)
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	(Contd. c	of page
· Density at 20 °C (68 °F):	0.984 g/cm³ (8.21148 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:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
· Solvent content:		
Organic solvents:	73.0 %	
Coating VOC content:	72.98 %	
-	718.1 g/l / 5.99 lb/gal	
Material VOC content:	718.1 g/l / 5.99 lb/gal	
Solids content:	27.0 %	
· 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:					
1330-20-	7 xylene				
Oral	LD50	4,300 mg/kg (rat)			
Dermal	LD50	2,000 mg/kg (rabbit)			
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Oral	LD50	>6,800 mg/kg (rat)
Dermal	LD50	>3,400 mg/kg (rab)
Inhalative	LC50/4 h	>10.2 mg/l (rat)
· Additiona	e: No irrita tion: No se al toxicolog	ting effect. ensitizing effects known. gical information:
preparatio	ons:	
preparatio	ons: enic categ	
preparatio	enic categ ernational	ories
preparatio · Carcinog · IARC (Intel 1330-20-7	enic categ ernational	Agency for Research on Cancer) 3
preparatio • Carcinog • IARC (Inte 1330-20-7 100-41-4	ns: enic categ ernational xylene ethylbenz	ories Agency for Research on Cancer) 3
preparatio • Carcinog • IARC (Intel 1330-20-7 100-41-4 • NTP (Nati	ns: enic categ ernational xylene ethylbenz ional Toxid	Agency for Research on Cancer) 3 zene 2E
preparatio • Carcinogu • IARC (Intel 1330-20-7 100-41-4 • NTP (Nati None of th	ns: enic categ ernational xylene conal Toxic ne ingredie	Agency for Research on Cancer) 3 zene 2 cology Program)

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.
- · Other adverse effects No further relevant information available.

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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.

UN-Number		
DOT, ADR, IMDG, IATA	UN1263	
UN proper shipping name		
DOT	Paint	
ADR	1263 PAINT	
IMDG, IATA	PAINT	
Transport hazard class(es)		
DOT		
1 MART 1007		
Class	3 Flammable liquids	
Label	3	
ADR, IMDG, IATA		
Class	3 Flammable liquids	
Label	3	
Packing group DOT, ADR	<i>III</i>	
IMDG, IATA		
Environmental hazards:		
Environmental nazards: Marine pollutant:	No	
Special precautions for user EMS Number:	Warning: Flammable liquids F-E,S-E	



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	(Contd. of page
Stowage Category	В
<i>Transport in bulk according to Annex</i> <i>MARPOL73/78 and the IBC Code</i>	II 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: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
UN "Model Regulation":	UN 1263 PAINT, 3, III

15 Regulatory information

 \cdot Safety, health and environmental regulations/legislation specific for the substance or mixture \cdot Sara

ivone of the	e ingredients is listed.	
Section 31	13 (Specific toxic chemical listings):	
1330-20-7	xylene	
100-41-4	ethylbenzene	
7664-38-2	phosphoric acid	
TSCA (To	xic Substances Control Act):	
123-86-4	n-butyl acetate	ACTIV
1330-20-7	xylene	ACTIV
100-41-4	ethylbenzene	ACTIV
107-98-2	1-methoxy-2-propanol	ACTIV
108-65-6	2-methoxy-1-methylethyl acetate	ACTIV
7664-38-2	phosphoric acid	ACTIV
Hazardous	s Air Pollutants	
1330-20-7	xylene	



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100-41-4 ethylbenzene

- · Proposition 65
- · Chemicals known to cause cancer:
- 100-41-4 ethylbenzene
- · 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
 - 100-41-4 ethylbenzene

· TLV (Threshold Limit Value established by ACGIH)

1330-20-7 xylene

100-41-4 ethylbenzene

- · 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



· Signal word Warning

- Hazard-determining components of labeling: n-butyl acetate ethylbenzene
 Hazard statements Flammable liquid and vapor. 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 been and understand
- Do not handle until all safety precautions have been read and understood.

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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.	
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	r/shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.	
IF exposed or concerned: Get medical advice/attention.	
Call a poison center/doctor if you feel unwell.	
Get medical advice/attention if you feel unwell.	
In case of fire: Use for extinction: CO2, powder or water spray.	
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 re	aulations
Chemical safety assessment: A Chemical Safety Assessment has not been carried of	
enemie survey assessment. A chemical ballety Assessment has not been carried of	<i>A</i> L.

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 09/11/2019 / -

· 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 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 NIOSH: National Institute for Occupational Safety OSHA: Occupational Safety & Health TLV: Threshold Limit Value PEL: Permissible Exposure Limit



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REL: Recommended Exposure Limit BEI: Biological Exposure Limit Flam. Liq. 3: Flammable liquids – Category 3 Carc. 2: Carcinogenicity – Category 2 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2



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