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Safety Data Sheet

acc. to OSHA HCS

Printing date 05/06/2019

Reviewed on 05/06/2019

1 Identification

- · Product identifier
- · Trade name: P44 2K RAPID PRIMER WHITE
- · Article number: P44
- · 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: During normal opening times: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. Repr. 1B H360 May damage fertility or the unborn child. STOT RE2 H373 May cause damage to the hearing organs through prolonged or repeated exposure. GHS07 Skin Irrit. 2 H315 Causes skin irritation. · Label elements · GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS). (Contd. on page 2) US



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(Contd. of page 1) Hazard pictograms GHS02 GHS07 GHS08 Signal word Danger · Hazard-determining components of labeling: ethylbenzene dibutyltin dilaurate · Hazard statements Flammable liquid and vapor. Causes skin irritation. Suspected of causing cancer. May damage fertility or the unborn child. May cause damage to the hearing organs through prolonged or repeated exposure. · Precautionary 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. 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. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. 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 exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Get medical advice/attention if you feel unwell. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. In case of fire: Use for extinction: CO2, powder or water spray. 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 = 1Fire = 3Reactivity = 0

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· HMIS-ratings (scale 0 - 4)

HEALTH1Health = 1FIRE3Fire = 3REACTIVITY0Reactivity = 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.

· Dangerous components:		
1330-20-7	xylene	>10- <i>≤</i> 25%
	n-butyl acetate >2.5-≤	
	6 Solvent naphtha (petroleum), light arom. ≤2.5%	
	ethylbenzene	<i>≤</i> 2.5%
77-58-7	dibutyltin dilaurate	<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: 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.
- · 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.

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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.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Mount respiratory protective device. 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
 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:		
1330-20-7 xylene		130 ppm
123-86-4 n-buty	/l acetate	5 ppm
100-41-4 ethylb	enzene	33 ppm
57-55-6 Propy	lene glycol	30 mg/m ³
112945-52-5 silicor	ו dioxide	18 mg/m ³
64-19-7 acetic	19-7 acetic acid 5	
77-58-7 dibuty	8-7 dibutyItin dilaurate	
108-65-6 2-met	-6 2-methoxy-1-methylethyl acetate 50	
7647-01-0 hydro	47-01-0 hydrogen chloride 1.8	
78-83-1 butan	8-83-1 butanol 150	
· PAC-2:		
1330-20-7 xylen	9	920* ppm
I		(Contd. on page

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		(Contd. of page 4)
123-86-4	n-butyl acetate	200 ppm
100-41-4	100-41-4 ethylbenzene 1100* p	
57-55-6	Propylene glycol	1,300 mg/m ³
112945-52-5	silicon dioxide	100 mg/m ³
64-19-7	acetic acid	35 ppm
77-58-7	dibutyltin dilaurate	8 mg/m ³
108-65-6	2-methoxy-1-methylethyl acetate	1,000 ppm
7647-01-0	hydrogen chloride	22 ppm
78-83-1	butanol	1,300 ppm
· PAC-3:		
1330-20-7	xylene	2500* ppm
123-86-4	n-butyl acetate	3000* ppm
100-41-4	ethylbenzene	1800* ppm
57-55-6	Propylene glycol	7,900 mg/m ³
112945-52-5	silicon dioxide	630 mg/m ³
64-19-7	acetic acid	250 ppm
77-58-7	dibutyltin dilaurate	48 mg/m ³
108-65-6	2-methoxy-1-methylethyl acetate	5000* ppm
7647-01-0	hydrogen chloride	100 ppm
78-83-1	butanol	8000* ppm

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

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rade na	me: P44 2K RAPID PRIMER WHITE	
· Spec	ific end use(s) No further relevant information available.	(Contd. of page
8 Exp	osure controls/personal protection	
· Addi	tional information about design of technical systems: No further	data; see item 7.
· Com The t recor	rol parameters ponents with limit values that require monitoring at the workplac following constituents are the only constituents of the product whic nmended exposure limit. s time, the remaining constituent has no known exposure limits.	ce: ch have a PEL, TLV or oth
1330	-20-7 xylene	
	Long-term value: 435 mg/m³, 100 ppm 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	
123-8	36-4 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	
	Short-term value: 712 mg/m³, 150 ppm Long-term value: 238 mg/m³, 50 ppm	
	11-4 ethylbenzene	
	Long-term value: 435 mg/m³, 100 ppm	
	Short-term value: 545 mg/m³, 125 ppm Long-term value: 435 mg/m³, 100 ppm	
	Long-term value: 87 mg/m³, 20 ppm BEI	
	3-7 dibutyltin dilaurate	
	Long-term value: 0.1 mg/m³ as Sn	
REL	Long-term value: 0.1 mg/m³ as Sn, Skin	
TLV	Short-term value: 0.2 mg/m³ Long-term value: 0.1 mg/m³ as Sn; Skin	
		(Contd. on page

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Inar	(Contd. of page 6 edients with biological limit values:
-	0-20-7 xylene
	1.5 g/g creatinine Medium: urine Time: end of shift
100	Parameter: Methylhippuric acids 41-4 ethylbenzene
	0.7 g/g creatinine
ושכו	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)
Stor Avoi Avoi Brea In ca expo	th hands before breaks and at the end of work. e protective clothing separately. id contact with the skin. id contact with the eyes and skin. athing equipment: ase of brief exposure or low pollution use respiratory filter device. In case of intensive or long osure use respiratory protective device that is independent of circulating air. tection of hands:
PHIL 1	Protective gloves
Due	glove material has to be impermeable and resistant to the product/ the substance/ the preparatior to missing tests no recommendation to the glove material can be given for the product/ the pration/ the chemical mixture.
degi	ection of the glove material on consideration of the penetration times, rates of diffusion and th radation erial of gloves
The	selection of the suitable gloves does not only depend on the material, but also on further marks

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 (Contd. on page 8)

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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
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General Information	
Appearance:	
Form: Color:	Liquid
Odor:	White Characteristic
Odor threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	124 °C (255.2 °F)
Flash point:	25 °C (77 °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 ail vapor mixtures are possible.
Explosion limits:	
Lower:	1.1 Vol %
Upper:	7 Vol %
Vapor pressure at 20 °C (68 °F):	6.7 hPa (5 mm Hg)
Density at 20 °C (68 °F):	1.63 g/cm³ (13.60235 lbs/gal)
Relative density	Not determined.



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		(Contd. of page
· 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:	24.9 %	
Coating VOC content:	24.95 %	
Ū	406.6 g/l / 3.39 lb/gal	
Material VOC content:	406.6 g/l / 3.39 lb/gal	
Solids content:	74.7 %	
· 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	· LD/LC50 values that are relevant for classification:				
1330-20	1330-20-7 xylene				
Oral	LD50	4,300 mg/kg (rat)			
Dermal	LD50	0 2,000 mg/kg (rabbit)			
64742-9	5-6 Solver	nt naphtha (petroleum), light arom.			
Oral	LD50	>6,800 mg/kg (rat)			
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Dermal				
Inhalative	Inhalative LC50/4 h >10.2 mg/l (rat)			
77-58-7 di	butyltin d	ilaurate		
Oral	LD50	175 mg/kg (rat)		
 on the eye Sensitization Additional 	in: Irritant a e: No irrita tion: No se I toxicolog Ict shows ns:	to skin and mucous membranes. ting effect. ensitizing effects known. gical information: the following dangers according to internally approved calculation method	ls for	
· IARC (Inte	ernational	Agency for Research on Cancer)		
1330-20-7	1330-20-7 xylene 3			
100-41-4	100-41-4 ethylbenzene 2B			
7647-01-0	7647-01-0hydrogen chloride3			
· NTP (Nati	onal Toxid	cology Program)		
None of th	e ingredie	nts is listed.		
· OSHA-Ca	(Occupat	ional Safety & Health Administration)		
None of th	e ingredie	nts 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.

· 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 · Label	3 Flammable liquids 3	
	J	
· ADR, IMDG, IATA		
· Class	3 Flammable liquids	
· Label	3	
· Packing group · DOT, ADR, IMDG, IATA	<i>III</i>	



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Trade name: P44 2K RAPID PRIMER WHITE

	(Contd. of page 11)
 Environmental hazards: Marine pollutant: 	No
 Special precautions for user Danger code (Kemler): EMS Number: Stowage Category 	Warning: Flammable liquids 30 F-E, <u>S-E</u> A
 Transport in bulk according to Annex MARPOL73/78 and the IBC Code 	ll 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: 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 · Sara

· Section 3	55 (extremely hazardous substances):	
7647-01-0	hydrogen chloride	
· Section 3	13 (Specific toxic chemical listings):	
1330-20-7	xylene	
100-41-4	ethylbenzene	
7647-01-0	hydrogen chloride	
· TSCA (To	xic Substances Control Act):	
1330-20-7	xylene	ACTIVE
123-86-4	n-butyl acetate	ACTIVE
		(Contd. on page 1



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100-11-1	ethylbenzene	Contd. of page 1
	Propylene glycol	ACTIVE
	acetic acid	ACTIVE
		ACTIVE
	dibutyltin dilaurate 2-methoxy-1-methylethyl acetate	ACTIVE
	hydrogen chloride	ACTIVE
	butanol	ACTIVE
		ACTIVE
	s Air Pollutants	
1330-20-7		
	ethylbenzene	
	hydrogen chloride	
· Propositio		
	s known to cause cancer:	
100-41-4	ethylbenzene	
	s known to cause reproductive toxicity for females:	
None of the	e ingredients is listed.	
· Chemicals	s known to cause reproductive toxicity for males:	
None of the	e ingredients is listed.	
	s known to cause developmental toxicity:	
None of the	e ingredients is listed.	
· Carcinoge	nic categories	
· EPA (Envi	ronmental Protection Agency)	
1330-20-7	xylene	1
100-41-4	ethylbenzene	L
· TLV (Thre	shold Limit Value established by ACGIH)	· · · ·
1330-20-7	xylene	A
100-41-4	ethylbenzene	A
77-58-7	dibutyltin dilaurate	A
7647-01-0	hydrogen chloride	A
· NIOSH-Ca	(National Institute for Occupational Safety and Health)	
	e ingredients is listed.	
· GHS label	alamants	



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(Contd. of page 13) · Hazard pictograms GHS02 GHS07 GHS08 · Signal word Danger · Hazard-determining components of labeling: ethylbenzene dibutyltin dilaurate · Hazard statements Flammable liquid and vapor. Causes skin irritation. Suspected of causing cancer. May damage fertility or the unborn child. May cause damage to the hearing organs through prolonged or repeated exposure. · Precautionary 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. 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. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. 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 exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Get medical advice/attention if you feel unwell. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. In case of fire: Use for extinction: CO2, powder or water spray. 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. 115

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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 05/06/2019 / -

 Abbreviations and acronvms: 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, ÉU) 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 Flam. Liq. 3: Flammable liquids – Category 3 Skin Irrit. 2: Skin corrosion/irritation – Category 2 Carc. 2: Carcinogenicity – Category 2 Repr. 1B: Reproductive toxicity - Category 1B STOT RE 2: Specific target organ toxicity (repeated exposure) - Category 2