*Printing date 01/15/2020* 

Reviewed on 06/28/2019

#### 1 Identification

- · Product identifier
- · Trade name: 683 2K STANDARD BLACK
- · Article number: 683
- · 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. 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 H315 Causes skin irritation. Skin Irrit. 2 Skin Sens. 1 H317 May cause an allergic skin reaction. · Label elements · GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS). (Contd. on page 2) US



Page 1/15

Printing date 01/15/2020

Reviewed on 06/28/2019

#### Trade name: 683 2K STANDARD BLACK

(Contd. of page 1) · Hazard pictograms GHS02 GHS07 GHS08 · Signal word Warning Hazard-determining components of labeling: ethylbenzene methyl methacrylate Hazard statements Flammable liquid and vapor. Causes skin irritation. May cause an allergic skin reaction. Suspected of causing cancer. 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. Contaminated work clothing must 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/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 or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. 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

Page 2/15

Printing date 01/15/2020

Reviewed on 06/28/2019

#### Trade name: 683 2K STANDARD BLACK

#### · HMIS-ratings (scale 0 - 4)

 HEALTH
 1
 Health = 1

 FIRE
 3
 Fire = 3

 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.

· Dangerous components:		
95-47-6	o-xylene	>10- <i>≤</i> 25%
123-86-4	n-butyl acetate	>10- <i>≤</i> 25%
1330-20-7	xylene	>2.5- <i>≤</i> 10%
100-41-4	ethylbenzene	<i>≤</i> 2.5%
80-62-6	methyl methacrylate	<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 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.
- · 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.

(Contd. on page 4)

US





(Contd. of page 2)

*Printing date 01/15/2020* 

Reviewed on 06/28/2019

#### Trade name: 683 2K STANDARD BLACK

#### 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.

· Personal precautions, protective equipment and emergency procedures

• Environmental precautions: Do not allow to enter sewers/ surface or ground water.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

- · Advice for firefighters
- · Protective equipment: Mouth respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

Methods and material for containment and cleaning up:

#### 6 Accidental release measures

Mount respiratory protective device.

	ntaminated material as waste according to item 13.	
	to other sections	
	n 7 for information on safe handling.	
	n 8 for information on personal protection equipment.	
	n 13 for disposal information.	
	Action Criteria for Chemicals	
· PAC-1:		
	n-butyl acetate	5 ppm
1330-20-7	xylene	130 ppm
100-41-4	ethylbenzene	33 ppm
80-62-6	methyl methacrylate	17 ppm
868-77-9	2-hydroxyethyl methacrylate	1.9 mg/m
97-88-1	n-butyl methacrylate	19 mg/m <sup>3</sup>
77-58-7	dibutyltin dilaurate	1.1 mg/m
· PAC-2:		
123-86-4	n-butyl acetate	200 ppm
1330-20-7	xylene	920* ppm
100-41-4	ethylbenzene	1100* ppn
80-62-6	methyl methacrylate	120 ppm
868-77-9	2-hydroxyethyl methacrylate	21 mg/m <sup>3</sup>
97-88-1	n-butyl methacrylate	210 mg/m
		(Contd. on page



Page 4/15

(Contd. of page 3)

*Printing date 01/15/2020* 

Reviewed on 06/28/2019

Page 5/15

#### Trade name: 683 2K STANDARD BLACK

		(Contd. of page 4)
77-58-7	dibutyltin dilaurate	8 mg/m³
· PAC-3:		
	n-butyl acetate	3000* ppm
1330-20-7		2500* ppm
	ethylbenzene	1800* ppm
	methyl methacrylate	570 ppm
	2-hydroxyethyl methacrylate	1,000 mg/m³
	n-butyl methacrylate	1,300 mg/m <sup>3</sup>
77-58-7	dibutyltin dilaurate	48 mg/m³

#### 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:

95-47-6 o-xylene

PEL Long-term value: 435 mg/m<sup>3</sup>, 100 ppm

(Contd. on page 6)



Printing date 01/15/2020

Trade name: 683 2K STANDARD BLACK

REL Short-term value: 655 mg/m<sup>3</sup>, 150 ppm

Reviewed on 06/28/2019

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 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: 712 mg/m<sup>3</sup>, 150 ppm Long-term value: 238 mg/m<sup>3</sup>, 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 100-41-4 ethylbenzene PEL Long-term value: 435 mg/m<sup>3</sup>, 100 ppm REL Short-term value: 545 mg/m<sup>3</sup>, 125 ppm Long-term value: 435 mg/m<sup>3</sup>, 100 ppm TLV Long-term value: 87 mg/m<sup>3</sup>, 20 ppm BEI 80-62-6 methyl methacrylate PEL Long-term value: 410 mg/m<sup>3</sup>, 100 ppm REL Long-term value: 410 mg/m<sup>3</sup>, 100 ppm TLV Short-term value: 410 mg/m<sup>3</sup>, 100 ppm Long-term value: 205 mg/m<sup>3</sup>, 50 ppm DSEN · Ingredients with biological limit values: 95-47-6 o-xylene BEI 1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids 1330-20-7 xylene BEI 1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids (Contd. on page 7)



Page 6/15

(Contd. of page 5)

us

Printing date 01/15/2020

CENERAL

Reviewed on 06/28/2019

#### Trade name: 683 2K STANDARD BLACK

	(Contd. of page 6)
	1-4 ethylbenzene
	0.7 g/g creatinine
	Medium: urine
	Time: end of shift at end of workweek
ľ	Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative)
-	Medium: end-exhaled air
-	Time: not critical
	Parameter: Ethyl benzene (semi-quantitative)
	tional information: The lists that were valid during the creation were used as basis.
	, and the second s
	sure controls
	onal protective equipment:
· Gene	ral protective and hygienic measures:
	away from foodstuffs, beverages and feed.
	diately remove all soiled and contaminated clothing.
	hands before breaks and at the end of work.
	protective clothing separately. I contact with the skin.
	l contact with the eyes and skin. t <b>hing equipment:</b>
In cas expos	se of brief exposure or low pollution use respiratory filter device. In case of intensive or longer sure use respiratory protective device that is independent of circulating air.
HIS-	Protective gloves
Due	love 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 pration/ the chemical mixture.
Selec	ction of the glove material on consideration of the penetration times, rates of diffusion and the indation
· Mater	rial of gloves
The s qualit subst	election of the suitable gloves does not only depend on the material, but also on further marks of ty and varies from manufacturer to manufacturer. As the product is a preparation of several ances, the resistance of the glove material can not be calculated in advance and has therefore to ecked prior to the application.
	tration time of glove material
The e	exact break through time has to be found out by the manufacturer of the protective gloves and has observed.

(Contd. on page 8)

Page 7/15

Printing date 01/15/2020

Reviewed on 06/28/2019

#### Trade name: 683 2K STANDARD BLACK

· Eye protection:

Tightly sealed goggles

### 9 Physical and chemical properties

Appearance: Form:	Fluid
Color:	According to product description
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:	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 air vapor mixtures are possible.
Explosion limits:	
Lower:	1.1 Vol %
Upper:	7.5 Vol %
Vapor pressure at 20 °C (68 °F):	10.7 hPa (8 mm Hg)
Density at 20 °C (68 °F):	0.99267 g/cm³ (8.28383 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/wate	er): Not determined





(Contd. of page 7)

Printing date 01/15/2020

Reviewed on 06/28/2019

#### Trade name: 683 2K STANDARD BLACK

		(Contd. of page 8
· Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
Solvent content:		
Organic solvents:	51.0 %	
Coating VOC content:	50.98 %	
-	506.1 g/l / 4.22 lb/gal	
Material VOC content:	506.1 g/l / 4.22 lb/gal	
Solids content:	48.7 %	
· 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 values that are relevant for classification:

#### 1330-20-7 xylene

Oral LD50 4,300 mg/kg (rat)

Dermal LD50 2,000 mg/kg (rabbit)

#### Primary irritant effect:

- on the skin: Irritant to skin and mucous membranes.
- on the eye: No 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* 

(Contd. on page 10)





*Printing date 01/15/2020* 

Reviewed on 06/28/2019

Page 10/15

3

3 2B

3

#### Trade name: 683 2K STANDARD BLACK

(Contd. of page 9)

#### · Carcinogenic categories

· IARC (International Agency for Research on Cancer)

95-47-6 o-xylene

1330-20-7 xylene

100-41-4 ethylbenzene

80-62-6 methyl methacrylate

· 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.
- · 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.

(Contd. on page 11)





119

Printing date 01/15/2020

Reviewed on 06/28/2019

#### Trade name: 683 2K STANDARD BLACK

(Contd. of page 10)

UN-Number	
DN-NUMBER DOT, ADR, IMDG, IATA	UN1263
UN proper shipping name	
DOT	Paint
ADR	1263 PAINT
IMDG, IATA	PAINT
Transport hazard class(es)	
DOT	
R MALINE F 102 M	
3	
Class	3 Flammable liquids
Label	3
ADR, IMDG, IATA	
A	
•	
Class	3 Flammable liquids
Label	3
Packing group	
DOT	Void
ADR	III
Environmental hazards:	
Marine pollutant:	No
Special precautions for user	Warning: Flammable liquids
Transport in bulk according to Annex	
MARPOL73/78 and the IBC Code	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



Page 11/15

Printing date 01/15/2020

#### Reviewed on 06/28/2019

#### Trade name: 683 2K STANDARD BLACK

· UN "Model Regulation":

UN 1263 PAINT, 3, III

(Contd. of page 11)

US

### 15 Regulatory information

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

	5 (extremely hazardous substances):	
None of the	e ingredients is listed.	
· Section 31	3 (Specific toxic chemical listings):	
95-47-6	05-47-6 o-xylene	
1330-20-7	•	
100-41-4	ethylbenzene	
80-62-6	methyl methacrylate	
· TSCA (Tox	ic Substances Control Act):	
95-47-6	o-xylene	ACTIVI
	n-butyl acetate	ACTIVI
1330-20-7	-	ACTIV
100-41-4	ethylbenzene	ACTIV
80-62-6	methyl methacrylate	ACTIV
868-77-9	2-hydroxyethyl methacrylate	ACTIV
	n-butyl methacrylate	ACTIV
136-53-8	ZINC 2-ETHYLEXANOATE	ACTIV
64742-88-7	Solvent naphtha (petroleum), medium aliph.	ACTIV
77-58-7	dibutyltin dilaurate	ACTIV
·Hazardous	Air Pollutants	
95-47-6	o-xylene	
1330-20-7	xylene	
100-41-4	ethylbenzene	
	methyl methacrylate	
· Propositio		
	known to cause cancer:	
100-41-4 e	thylbenzene	
	known to cause reproductive toxicity for females:	
None of the	ingredients is listed.	
	known to cause reproductive toxicity for males:	
None of the	e ingredients is listed.	
		(Contd. on page

Page 12/15

Page 13/15

#### Safety Data Sheet acc. to OSHA HCS

Printing date 01/15/2020

Reviewed on 06/28/2019

#### Trade name: 683 2K STANDARD BLACK

		(Contd. of page 12
· Chemicals	known to cause developmental toxicity:	
None of the	e ingredients is listed.	
· Carcinoge	nic categories	
· EPA (Envi	ronmental Protection Agency)	
95-47-6	o-xylene	1
1330-20-7	xylene	1
100-41-4	ethylbenzene	D
80-62-6	methyl methacrylate	E, NL
· TLV (Thre	shold Limit Value established by ACGIH)	
95-47-6	o-xylene	A4
1330-20-7	xylene	A4
100-41-4	ethylbenzene	A3
80-62-6	methyl methacrylate	A4
77-58-7	dibutyltin dilaurate	A4
· NIOSH-Ca	(National Institute for Occupational Safety and Health)	<b>_</b>
None of the	e 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: ethylbenzene methyl methacrylate · Hazard statements Flammable liquid and vapor. Causes skin irritation. May cause an allergic skin reaction. Suspected of causing cancer. 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.

(Contd. on page 14)

US

Page 14/15

## Safety Data Sheet acc. to OSHA HCS

Printing date 01/15/2020

#### Reviewed on 06/28/2019

#### Trade name: 683 2K STANDARD BLACK

(Contd. of page 13) 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. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eve 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 or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. 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.

#### 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 01/15/2020 / -

· 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, 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. Lig. 3: Flammable liquids - Category 3

(Contd. on page 15)

US

Printing date 01/15/2020

CENERAL

Reviewed on 06/28/2019

#### Trade name: 683 2K STANDARD BLACK

Skin Irrit. 2: Skin corrosion/irritation – Category 2 Skin Sens. 1: Skin sensitisation – Category 1 Carc. 2: Carcinogenicity – Category 2 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2 (Contd. of page 14)

US

Page 15/15