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Safety Data Sheet according to HPR, Schedule 1

Printing date 10/09/2024

Reviewed on 07/29/2024

1 Identification

· Product identifier

· Trade name: 631 2K LEMON YELLOW

· Article number: 631

· 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 identification

· Classification of the substance or mixture



GHS02 Flame

Flammable Liquids - Category 3 H226 Flammable liquid and vapour.



GHS08 Health hazard

Carcinogenicity - Category 1A H350 May cause cancer.

Reproductive Toxicity - Category 1A H360 May damage fertility or the unborn child.



GHS07

Skin Sensitizer - Category 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).

· Hazard pictograms







GHS02 GHS07 GHS08

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Trade name: 631 2K LEMON YELLOW

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· Signal word Danger

Hazard-determining components of labeling:

Quartz (SiO2)
Lead sulfochromate yellow
antimony trioxide
ethylbenzene
methyl methacrylate

2,3-epoxypropyl neodecanoate

· Hazard statements

Flammable liquid and vapour.

May cause an allergic skin reaction.

May cause cancer.

May damage fertility or the unborn child.

· Precautionary statements

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Keep container tightly closed.

Ground and bond container and receiving equipment.

Use explosion-proof [electrical/ventilating/lighting] equipment.

Use non-sparking tools.

Take actions to prevent static discharges.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Contaminated work clothing should 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 [or shower].

IF exposed or concerned: Get medical advice/attention.

Specific treatment (see on this label).

Take off contaminated clothing and wash it before reuse.

If skin irritation or rash occurs: Get medical advice/attention.

In case of fire: Use CO2, powder or water spray to extinguish.

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 = 0 Fire = 3 Reactivity = 0

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· HMIS-ratings (scale 0 - 4)

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Health = *0 Fire = 3 Reactivity = 0

3 Composition/Information on ingredients

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

· Dangerous	· Dangerous components:		
123-86-4	n-butyl acetate	10-30% w/w *	
1330-20-7		5-10% w/w *	
	2-methoxy-1-methylethyl acetate	1-5% w/w *	
	antimony trioxide	1-5% w/w *	
	Quartz (SiO2)	1-5% w/w *	
	Solvent naphtha (petroleum), light arom.	0.5-1.5% w/w *	
1344-37-2	Lead sulfochromate yellow	0.1-1% w/w *	
	methyl methacrylate	0.1-1% w/w *	
26761-45-5	2,3-epoxypropyl neodecanoate	0.1-1% w/w *	
100-41-4	ethylbenzene	0.1-1% w/w *	

^{*} Actual concentration ranges are withheld as a trade secret.

4 First-aid measures

- · Description of first aid measures
- · General information: Immediately remove any clothing soiled by the product.
- · 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.

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· 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 No further relevant information available.
- · 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 section 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.

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.

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- · 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 section 7.
- · Control parameters

Components	with limi	t values th	at roquiro	monitoring at	the workplace:
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123-86-4 n-butyl acetate

- EL STEL: 150 ppm
 - TWA: 50 ppm
- EV STEL: 950 mg/m³, 200 ppm TWA: 710 mg/m³, 150 ppm

1330-20-7 xylene

- EL STEL: 150 ppm
 - TWA: 100 ppm
- EV STEL: 650 mg/m³, 150 ppm TWA: 435 mg/m³, 100 ppm

108-65-6 2-methoxy-1-methylethyl acetate

- EL STEL: 75 ppm
 - TWA: 50 ppm
- EV TWA: 270 mg/m³, 50 ppm

1309-64-4 antimony trioxide

EL ACGIH A2, IARC 2B

14808-60-7 Quartz (SiO2)

- EL TWA: 0.025 mg/m³
 - ACGIH A2; IARC 1
- EV TWA: 0.10* mg/m³ *respirable fraction

1344-37-2 Lead sulfochromate yellow

- EL TWA: 0.01 mg/m³
 - as Cr; ACGIH A1, IARC 1; S(D), S(R)

80-62-6 methyl methacrylate

- EL STEL: 100 ppm
 - TWA: 50 ppm
 - S(D)

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EV STEL: 100 ppm TWA: 50 ppm 100-41-4 ethylbenzene

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EL TWA: 20 ppm IARC 2B

EV STEL: 540 mg/m³, 125 ppm TWA: 435 mg/m³, 100 ppm

- · 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.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

· 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.

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· Eye protection:



Tightly sealed goggles

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		7	properties

· Information on	basic ph	vsical and	chemical	properties
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· General Information

· Appearance:

Form: Liquid Color: Yellow

Odor: CharacteristicOdor threshold: Not determined.

· pH-value: Not determined.

· Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 124 °C

· Flash point: 25 °C

· Flammability: Flammable.

· Auto igniting: 370 °C

Decomposition temperature: Not determined.

· Ignition temperature: 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: 10.7 hPa

Density at 20 °C: 1.321 g/cm³
Not determine

Relative density
 Vapor density
 Evaporation rate
 Not determined.
 Not determined.

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Solubility in / Miscibility with		
Water:	Not miscible or difficult to mix.	
Partition coefficient (n-octanol/w	vater): Not determined.	
Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
Solvent content:		
Organic solvents:	31.8 %	
Coating VOC content:	31.75 %	
•	419.4 g/l / 3.50 lb/gal	
Material VOC content:	419.4 g/l / 3.50 lb/gal	
Solids content:	67.6 %	
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: No irritant effect.
- · on the eye: No irritating effect.
- · Sensitization: Sensitization possible through skin contact.

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· Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

· Carcinogenic categories

· Carcinogenic categories				
· IARC (International Agency for Research on Cancer)				
1330-20-7	xylene	3		
1309-64-4	antimony trioxide	2B		
14808-60-7	Quartz (SiO2)	1		
1344-37-2	Lead sulfochromate yellow	1		
80-62-6	methyl methacrylate	3		
100-41-4	ethylbenzene	2B		
· NTP (Natio	nal Toxicology Program)			
1309-64-4	antimony trioxide	R		
14808-60-7	Quartz (SiO2)	K		
1344-37-2	Lead sulfochromate yellow	K		

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 3 (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities. Danger to drinking water if even extremely 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.

14 Transport information	
· UN-Number · DOT/TDG, ADR, IMDG, IATA	UN1263
 UN proper shipping name DOT/TDG ADR IMDG, IATA 	Paint 1263 Paint PAINT
Transport hazard class(es) DOT/TDG (Transport dangerous goods)	:
· Class · Label	3 Flammable liquids 3
· ADR, IMDG, IATA	3
· Class · Label	3 Flammable liquids 3
· Packing group · DOT/TDG, ADR, IMDG, IATA	III
· Environmental hazards: · Marine pollutant:	No
· Special precautions for user	Warning: Flammable liquids

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	(Contd. of page
 Hazard identification number (Kemler code) EMS Number: Stowage Category): 30 F-E, <u>S-E</u> A
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
Transport/Additional information:	
· DOT/TDG · 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 m
· 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 m
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 35	5 (extremely hazardous substances):	
None of the	e ingredients is listed.	
· Section 31	3 (Specific toxic chemical listings):	
1330-20-7	xylene	
1309-64-4	antimony trioxide	
1344-37-2	Lead sulfochromate yellow	
80-62-6	methyl methacrylate	
100-41-4	ethylbenzene	
· TSCA (Tox	ic Substances Control Act):	
123-86-4	n-butyl acetate	ACTIVE
1330-20-7	xylene	ACTIVE
108-65-6	2-methoxy-1-methylethyl acetate	ACTIVE
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	4 antimony trioxide	ACT
	7 Quartz (SiO2)	ACTI
1344-37-2	2 Lead sulfochromate yellow	ACT
	6 methyl methacrylate	ACT
	5 2,3-epoxypropyl neodecanoate	ACT
	4 ethylbenzene	ACT
	4 methacrylic acid	ACT
	9 2-hydroxyethyl methacrylate	ACT
136-53-	8 ZINC 2-ETHYLEXANOATE	ACT
78-83-	1 butanol	ACT
64742-88-	7 Solvent naphtha (petroleum), medium aliph.	ACT
	7 dibutyltin dilaurate	ACT
57-55-0	6 Propylene glycol	ACT
Canadian	substance listings:	
Canadian	Domestic Substances List (DSL)	
	4 n-butyl acetate	
1330-20-	7 xylene	
108-65-0	6 2-methoxy-1-methylethyl acetate	
1309-64-	antimony trioxide	
14808-60-	7 Quartz (SiO2)	
80-62-	6 methyl methacrylate	
26761-45-	5 2,3-epoxypropyl neodecanoate	
	4 ethylbenzene	
	4 methacrylic acid	
	9 2-hydroxyethyl methacrylate	
136-53-	8 ZINC 2-ETHYLEXANOATE	
78-83-	1 butanol	
64742-88-	7 Solvent naphtha (petroleum), medium aliph.	
77-58-	7 dibutyltin dilaurate	
57-55-	6 Propylene glycol	
Canadian	Non-Domestic Substances List (NDSL)	
N 1 -	e ingredients is listed.	
None of the		
Canadian	Ingredient Disclosure list (limit 0.1%) ethylbenzene	



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· Canadian II	· Canadian Ingredient Disclosure list (limit 1%)	
123-86-4	n-butyl acetate	
1309-64-4	antimony trioxide	
14808-60-7	Quartz (SiO2)	

· GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms







GHS02 GHS07 GHS08

· Signal word Danger

· Hazard-determining components of labeling:

Quartz (SiO2) Lead sulfochromate yellow antimony trioxide ethylbenzene methyl methacrylate

2,3-epoxypropyl neodecanoate

· Hazard statements

Flammable liquid and vapour.

May cause an allergic skin reaction.

May cause cancer.

May damage fertility or the unborn child.

Precautionary statements

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed.

Ground and bond container and receiving equipment.

Use explosion-proof [electrical/ventilating/lighting] equipment.

Use non-sparking tools.

Take actions to prevent static discharges.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Contaminated work clothing should 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 [or shower]. IF exposed or concerned: Get medical advice/attention.

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Specific treatment (see on this label).

Take off contaminated clothing and wash it before reuse.

If skin irritation or rash occurs: Get medical advice/attention.

In case of fire: Use CO2, powder or water spray to extinguish.

Store in a well-ventilated place. Keep cool.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

- · National regulations:
- · Additional classification according to Decree on Hazardous Materials:

Carcinogenic hazardous material group III (dangerous).

· Information about limitation of use:

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

· 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 the latest revision of the safety data sheet 10/09/2024 / 1.0
- · Abbreviations and acronyms:

ICAO: International Civil Aviation Organisation

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

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

· * Data compared to the previous version altered.

CA