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### Safety Data Sheet acc. to OSHA HCS

Printing date 04/19/2024

Reviewed on 04/19/2024

#### 1 Identification

- · Product identifier
- · Trade name: 4206 ACCELERO 2K VOC PRIMER DARK GREY
- · Article number: 4206
- · 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

Flammable Liquids 3 H226 Flammable liquid and vapor.

- · Label elements
- · GHS label elements

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

Hazard pictograms



GHS02

- · Signal word Warning
- · Hazard statements

Flammable liquid and vapor.

Precautionary statements

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.

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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.

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

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)



Health = 0 Fire = 3 Reactivity = 0

· HMIS-ratings (scale 0 - 4)



Health = 0 Fire = 3

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.

_	components:	
	barium sulphate, natural	>10- <i>≤</i> 25%
1332-58-7	Kaolin	>2.5-≤10%
64742-95-6	Solvent naphtha (petroleum), light arom.	>2.5-≤10%
1330-20-7	xylene	>2.5-≤10%
123-86-4	n-butyl acetate	>2.5-≤10%
	2-methoxy-1-methylethyl acetate	>2.5-≤10%
112-07-2	2-butoxyethyl acetate	<i>≤</i> 2.5%

### 4 First-aid measures

- · Description of first aid measures
- · General information: Immediately remove any clothing soiled by the product.
- · After inhalation: Supply fresh air; consult doctor in case of complaints.

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- · 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 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.

· Protective Action Criteria for Chemicals

· PAC-1:		
7727-43-7 barium su	lphate, natural	15 mg/m³
1330-20-7 xylene		130 ppm
123-86-4 n-butyl ac	etate	5 ррт
108-65-6 2-methoxy	y-1-methylethyl acetate	50 ppm
112-07-2 2-butoxye	thyl acetate	15 ppm
57-55-6 Propylene	e glycol	30 mg/m³
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	ethylbenzene	33 ppm
77-58-7	dibutyltin dilaurate	1.1 mg/m <sup>3</sup>
7647-01-0	hydrogen chloride	1.8 ppm
78-83-1	butanol	150 ppm
PAC-2:		
7727-43-7	barium sulphate, natural	170 mg/m³
1330-20-7	xylene	920* ppm
123-86-4	n-butyl acetate	200 ppm
108-65-6	2-methoxy-1-methylethyl acetate	1,000 ppm
112-07-2	2-butoxyethyl acetate	35 ppm
57-55-6	Propylene glycol	1,300 mg/m
100-41-4	ethylbenzene	1100* ppm
77-58-7	dibutyItin dilaurate	8 mg/m³
7647-01-0	hydrogen chloride	22 ppm
78-83-1	butanol	1,300 ppm
PAC-3:		
7727-43-7	barium sulphate, natural	990 mg/m³
1330-20-7	xylene	2500* ppm
123-86-4	n-butyl acetate	3000* ppm
108-65-6	2-methoxy-1-methylethyl acetate	5000* ppm
112-07-2	2-butoxyethyl acetate	210 ppm
57-55-6	Propylene glycol	7,900 mg/m
100-41-4	ethylbenzene	1800* ppm
77-58-7	dibutyItin dilaurate	48 mg/m³
7647-01-0	hydrogen chloride	100 ppm
78-83-1	butanol	8000* ppm

### 7 Handling and storage

- · Handling:
- · Precautions for safe handling No special precautions are necessary if used correctly.
- Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

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- · 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 section 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.

7727-	43-7 barium sulphate, natural
PEL	Long-term value: 15* 5** mg/m³ *total dust **respirable fraction
REL	Long-term value: 10* 5** mg/m³ *total dust **respirable fraction
TLV	Long-term value: 5* mg/m³ *inhalable fraction; E
1332-	58-7 Kaolin
PEL	Long-term value: 15* 5** mg/m³ *total dust **respirable fraction
REL	Long-term value: 10* 5** mg/m³ *total dust **respirable fraction
TLV	Long-term value: 2* mg/m³ E; as respirable fraction, A4
1330-2	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	Long-term value: 20 ppm BEI, A4
123-8	6-4 n-butyl acetate
PEL	Long-term value: 710 mg/m³, 150 ppm
	(Contd. on

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REL	Short-term value: 950 mg/m³, 200 ppm Long-term value: 710 mg/m³, 150 ppm
TLV	Short-term value: 150 ppm Long-term value: 50 ppm
108-6	5-6 2-methoxy-1-methylethyl acetate
WEEL	Long-term value: 50 ppm
112-0	7-2 2-butoxyethyl acetate
REL	Long-term value: 33 mg/m³, 5 ppm
TLV	Long-term value: 20 ppm A3
· Ingre	dients with biological limit values:
1330-	20-7 xylene
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids

- · Additional information: The lists that were valid during the creation were used as basis.
- · Exposure controls
- · Personal protective equipment:
- · General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

- · Breathing equipment: Not required.
- 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

9 Physical and chemical properties

· Appearance:

Form:
Color:
Dark grey
Odor:
Characteristic
Not determined.

· pH-value: Not determined.

· Change in condition

· Decomposition temperature:

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 124 °C (255.2 °F)

· Flash point: 25 °C (77 °F)

Flammability (solid, gaseous): Flammable.

· Auto igniting: 370 °C (698 °F)

· Ignition temperature: Product is not selfigniting.

· Danger of explosion: Product is not explosive. However, formation of explosive air/

Not determined.

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):** 1.649 g/cm³ (13.76091 lbs/gal)

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/	water): Not determined.	
· Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
· Solvent content:		
Organic solvents:	28.2 %	
Coating VOC content:	28.15 %	
-	464.2 g/l / 3.87 lb/gal	
Material VOC content:	464.2 g/l / 3.87 lb/gal	
Solids content:	75.3 %	
· 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:
- · Primary irritant effect:
- · on the skin: No irritant effect.
- · on the eye: No irritating effect.
- · Sensitization: No sensitizing effects known.
- · Additional toxicological information:
- Carcinogenic categories
- · IARC (International Agency for Research on Cancer)

14807-96-6 Talc (Mg3H2(SiO3)4)

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1330-20-7	xylene	3
	ethylbenzene	2B
7647-01-0	hydrogen chloride	3
· NTP (Natio	nal 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.

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Transport information	
UN-Number DOT, ADR, IMDG, IATA	UN1263
ADR	Paint 1263 PAINT PAINT
Transport hazard class(es)	NOT APPLICABLE
DOT	
	3 Flammable liquids 3
· ADR, IMDG, IATA	
	3 Flammable liquids 3
Packing group DOT, ADR, IMDG, IATA	III
Environmental hazards: Marine pollutant:	No
Hazard identification number (Kemler code): EMS Number:	Warning: Flammable liquids 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:	
	On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L





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· 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)

Excepted quantities (EQ)

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 No further relevant information available.
- · Sara

7647-01-0	hydrogen chloride	
Section 31	3 (Specific toxic chemical listings):	
7727-43-7	barium sulphate, natural	
1330-20-7	xylene	
112-07-2	2-butoxyethyl acetate	
100-41-4	ethylbenzene	
7647-01-0	hydrogen chloride	
TSCA (Tox	ic Substances Control Act):	
14807-96-6	Talc (Mg3H2(SiO3)4)	ACTIV
7727-43-7	barium sulphate, natural	ACTIV
1332-58-7	Kaolin	ACTIV
1330-20-7	xylene	ACTI
123-86-4	n-butyl acetate	ACTIV
400.05.0	2-methoxy-1-methylethyl acetate	ACTIV
108-65-6	2-butoxyethyl acetate	ACTIV
	2 batonyottiyi acetate	7.077
112-07-2	Propylene glycol	ACTIV
112-07-2 57-55-6		
112-07-2 57-55-6 100-41-4	Propylene glycol	ACTIV

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78-83-1	butanol			(Contd. of AC	CTIV
Hazardous	Air Pollutants				
1330-20-7	xylene				
	ethylbenzene				
7647-01-0	hydrogen chloride				
Propositio	1 65				
Chemicals	known to cause cancer:				
100-41-4 ε	thylbenzene				
Chemicals	known to cause reproductiv	e toxicity for females	) <i>:</i>		
None of the	ingredients is listed.				
Chemicals	known to cause reproductiv	e toxicity for males:			
None of the	ingredients is listed.				
Chemicals	known to cause developmer	ntal toxicity:			
	ingredients is listed.				
Carcinogo	nic categories				
	onmental Protection Agency	<u> </u>			
•	barium sulphate, natural	7		D, CBD(inh), NI	(ora
1330-20-7	•			1	-(0/0
	ethylbenzene			D	
	hold Limit Value)				
•	Talc (Mg3H2(SiO3)4)				Α
1332-58-7					A
1330-20-7					A
	2-butoxyethyl acetate				A
112-07-2					A
	ethylbenzene				
100-41-4	ethylbenzene dibutyltin dilaurate				Δ
100-41-4 77-58-7	dibutyltin dilaurate				
100-41-4 77-58-7 7647-01-0	dibutyltin dilaurate hydrogen chloride	ational Safaty and Ha	20/4h)		
100-41-4 77-58-7 7647-01-0 NIOSH-Ca	dibutyltin dilaurate	ational Safety and He	ealth)		A



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#### · Hazard pictograms



- · Signal word Warning
- · Hazard statements

Flammable liquid and vapor.

· Precautionary statements

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.

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.

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

Store in a well-ventilated place. Keep cool.

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 04/19/2024 / -
- · 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 relatif au transport international 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

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)

PBT: Persistent, Bioaccumulative and Toxic

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vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health TLV: Threshold Limit Value PEL: Permissible Exposure Limit

PEL: Permissible Exposure Limit REL: Recommended Exposure Limit BEI: Biological Exposure Limit

Flammable Liquids 3: Flammable liquids – Category 3

\* Data compared to the previous version altered.

HS