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## Safety Data Sheet

acc. to OSHA HCS

Printing date 10/22/2024

Reviewed on 07/29/2024

## 1 Identification

· Product identifier

- · Trade name: 737 BASECOAT ORANGE
- · Article number: 737
- · 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. GHS08 Health hazard Carcinogenicity 2 H351 Suspected of causing cancer. GHS07 Skin Irritation 2 H315 Causes skin irritation. Specific Target Organ Toxicity - Single Exposure 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). (Contd. on page 2) US



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(Contd. of page 1) · Hazard pictograms GHS02 GHS07 GHS08 Signal word Warning · Hazard-determining components of labeling: n-butyl acetate ethylbenzene · Hazard statements Flammable liquid and vapor. Causes skin irritation. Suspected of causing cancer. May cause drowsiness or dizziness. · 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. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapors/spray Wash thoroughly after handling. 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. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. In case of fire: Use CO2, powder or water spray to extinguish. 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. (Contd. on page 3)

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#### Trade name: 737 BASECOAT ORANGE

(Contd. of page 2) · Classification system: NFPA ratings (scale 0 - 4) Health = 1Fire = 3Reactivity = 0· HMIS-ratings (scale 0 - 4) HEALTH 1 Health = 1 FIRE 3 Fire = 3Reactivity = 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.

<ul> <li>Dangerous</li> </ul>	components:
-------------------------------	-------------

	n-butyl acetate	>25- <i>≤</i> 50%
1330-20-7	xylene	>10- <i>≤</i> 25%
	Solvent naphtha (petroleum), light arom.	>2.5- <i>≤</i> 10%
108-65-6	2-methoxy-1-methylethyl acetate	<i>≤</i> 2.5%
111-76-2	2-butoxyethanol	<i>≤</i> 2.5%
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.
- · 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.

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· Indication of any immediate medical attention and special treatment needed	d
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 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:		
123-86-4	n-butyl acetate	5 ppm
1330-20-7	xylene	130 ppr
108-65-6	2-methoxy-1-methylethyl acetate	50 ppm
111-76-2	2-butoxyethanol	60 ppm
100-41-4	ethylbenzene	33 ppm
107-98-2	1-methoxy-2-propanol	100 ppr
70657-70-4	2-methoxypropyl acetate	50 ppm
· PAC-2:		
123-86-4	n-butyl acetate	200 ppm
1330-20-7	xylene	920* ppm
108-65-6	2-methoxy-1-methylethyl acetate	1,000 ppn
		(Contd. on page



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		(Contd. of page 4)
111-76-2	2-butoxyethanol	120 ppm
100-41-4	ethylbenzene	1100* ppm
107-98-2	1-methoxy-2-propanol	160 ppm
70657-70-4	2-methoxypropyl acetate	1,000 ppm
· PAC-3:		
123-86-4	n-butyl acetate	3000* ppm
1330-20-7	xylene	2500* ppm
108-65-6	2-methoxy-1-methylethyl acetate	5000* ppm
111-76-2	2-butoxyethanol	700 ppm
100-41-4	ethylbenzene	1800* ppm
107-98-2	1-methoxy-2-propanol	660 ppm
70657-70-4	2-methoxypropyl acetate	5,000 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
- · 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.

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	ol parameters
	onents with limit values that require monitoring at the workplace:
	ollowing constituents are the only constituents of the product which have a PEL, TLV or o mended exposure limit.
	time, the remaining constituent has no known exposure limits.
	6-4 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: 150 ppm
	Long-term value: 50 ppm
1330-2	20-7 xylene
PEL	Long-term value: 435 mg/m³, 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	Long-term value: 20 ppm BEI, A4
108-6	5-6 2-methoxy-1-methylethyl acetate
WEEL	Long-term value: 50 ppm
111-7	6-2 2-butoxyethanol
PEL	Long-term value: 240 mg/m³, 50 ppm Skin
REL	Long-term value: 24 mg/m³, 5 ppm Skin
TLV	Long-term value: 20 ppm BEI, A3
100-4	1-4 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: 20 ppm OTO, BEI, A3
Ingred	lients with biological limit values:
-	20-7 xylene
BEI 1	.5 g/g creatinine
	ledium: urine
	ime: end of shift
P	arameter: Methylhippuric acids
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111	(Contd. of page 6)
	76-2 2-butoxyethanol
BEI	200 mg/g creatinine
	Medium: urine
	Time: end of shift
100	Parameter: Butoxyacetic acid (BAA) (with hydrolysis)
	41-4 ethylbenzene
BEI	0.15 g/g creatinine
	Medium: urine
	Time: end of shift at end of workweek
	Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific)
Ada	<b>itional information:</b> The lists that were valid during the creation were used as basis.
Exp	osure controls
Pers	sonal protective equipment:
	eral protective and hygienic measures:
	p away from foodstuffs, beverages and feed.
Imm	ediately remove all soiled and contaminated clothing.
	h hands before breaks and at the end of work.
Stor	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 longer
	osure use respiratory protective device that is independent of circulating air.
	tection of hands:
- China	Protective gloves
V	
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
	paration/ the chemical mixture.
	ection of the glove material on consideration of the penetration times, rates of diffusion and the
	radation
	erial of gloves
	selection of the suitable gloves does not only depend on the material, but also on further marks of
	lity and varies from manufacturer to manufacturer. As the product is a preparation of several
subs	stances, the resistance of the glove material can not be calculated in advance and has therefore to
	hecked prior to the application

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

General Information	
Appearance:	
Form:	Liquid
Color:	Orange
Odor:	Characteristic
Odor threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	120 °C (248 °F)
Flash point:	27 °C (80.6 °F)
Flammability:	Flammable.
Auto igniting:	370 °C (698 °F)
Decomposition temperature:	Not determined.
Ignition temperature:	Product is not selfigniting.
Danger of explosion:	Product is not explosive. However, formation of explosive ain 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):	0.946 g/cm³ (7.89437 lbs/gal)
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not determined.

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#### Trade name: 737 BASECOAT ORANGE

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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:	76.8 %	
Coating VOC content:	76.83 %	
-	726.8 g/l / 6.07 lb/gal	
Material VOC content:	726.8 g/l / 6.07 lb/gal	
Solids content:	23.1 %	
· 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.

## 1 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: No sensitizing effects known.

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## · Additional toxicological information:

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

#### · Carcinogenic categories

<ul> <li>IARC (International Agency for Research on Cancer)</li> </ul>
--

1330-20-7 xylene

111-76-2 2-butoxyethanol

100-41-4 ethylbenzene

#### · 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.

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Uncleaned packagings:
 Recommendation: Disposal must be made according to official regulations.

· UN-Number · DOT, ADR, IMDG, IATA	UN1263	
<ul> <li>UN proper shipping name</li> <li>DOT</li> <li>ADR</li> <li>IMDG, IATA</li> </ul>	Paint 1263 PAINT PAINT	
<ul> <li>Transport hazard class(es)</li> <li>DOT</li> </ul>	NOT APPLICABLE	
· Class · Label	3 Flammable liquids 3	
- ADR, IMDG, IATA	3 Flammable liquids	
	3	
· Packing group · DOT, ADR, IMDG, IATA	III	
<ul> <li>Environmental hazards:</li> <li>Marine pollutant:</li> </ul>	No	
<ul> <li>Special precautions for user</li> <li>EMS Number:</li> <li>Stowage Category</li> </ul>	Warning: Flammable liquids F-E, <u>S-E</u> A	
· Transport in bulk according to Annex	<b>II of</b> Not applicable.	





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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)	5L
Excepted quantities (ÉQ)	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

None of the ingredients is listed.	
Section 313 (Specific toxic chemical listings):	
1330-20-7 xylene	
111-76-2 2-butoxyethanol	
100-41-4 ethylbenzene	
TSCA (Toxic Substances Control Act):	
123-86-4 n-butyl acetate	ACTIVI
1330-20-7 xylene	ACTIV
108-65-6 2-methoxy-1-methylethyl acetate	ACTIVI
111-76-2 2-butoxyethanol	ACTIVI
100-41-4 ethylbenzene	ACTIVI
107-98-2 1-methoxy-2-propanol	ACTIVI
Hazardous Air Pollutants	
1330-20-7 xylene	
100-41-4 ethylbenzene	



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· Proposition 65	(Contd. of page 12)
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	1
111-76-2 2-butoxyethanol	NL
100-41-4 ethylbenzene	D
TLV (Threshold Limit Value)	
1330-20-7 xylene	A4
111-76-2 2-butoxyethanol	A3
100-41-4 ethylbenzene	A3
NIOSH-Ca (National Institute for Occupational Safety and Health)	i
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.
   Causes skin irritation.
   Suspected of causing cancer.
   May cause drowsiness or dizziness.

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(Contd. of page 13) 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. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapors/spray Wash thoroughly after handling. 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. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. In case of fire: Use CO2, powder or water spray to extinguish. 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. · 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 10/22/2024 / 1.1
- 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 Corrigon of Dangerous Goods by Road)

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)

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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
REL: Recommended Exposure Limit
BEI: Biological Exposure Limit
Flammable Liquids 3: Flammable liquids – Category 3
Skin Irritation 2: Skin corrosion/irritation – Category 2
Carcinogenicity 2: Carcinogenicity – Category 2
Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3
* Data compared to the previous version altered.

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