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# Safety data sheet

according to 1907/2006/EC, Article 31) with its amendment Regulation (EU) 2020/878

Printing date 01.12.2023

Version number 1.0

Revision: 01.12.2023

# SECTION 1: Identification of the substance/mixture and of the company undertaking

- · 1.1 Product identifier
- · Trade name: 4B.2.K7 BINDER IND.NITRO ALKYD SEMI GLOSS
- · Article number: 4B.2.K7
- **1.2 Relevant identified uses of the substance or mixture and uses advised against** No further relevant information available. use as industrial paint
- Sector of Use

SU3 Industrial Uses: Uses of substances such as or in preparations at industrial sites SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen) • **Product category** 

- PC9a Coatings and paints, thinners, paint removers PC9b Fillers, putties, plasters, modelling clay
- · Application of the substance / the mixture refer to the relevant Technical Data Sheet

1.3 Details of the supplier of the safety data sheet
Manufacturer/Supplier: Générale de Peinture, 36 rue Scheffer
75116 PARIS, France info@generalpaint.biz

- Further information obtainable from: Product Safety Department
- **1.4 Emergency telephone number:** +961 9 925 990/1/2
- Phone :

# SECTION 2: Hazards identification

 2.1 Classification of the substance or mixture
 Classification according to Regulation (EC) No 1272/2008) with its amendment Regulation (EU) 2020/878



Flam. Liq. 2 H225 Highly flammable liquid and vapour.



Skin Irrit. 2 H315 Causes skin irritation.

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Eye Irrit. 2	H319 Causes serious eye irritation.
2.2 Label el	ements
	ccording to Regulation (EC) No 1272/2008
	is classified and labelled according to the GB CLP regulation.
Hazard pict	
▲ ·	▲ ▲
JUL /	
	$\checkmark$
GHS02 G	HS07
<u>.</u>	
Signal word	
Hazard stat	
	flammable liquid and vapour.
	es skin irritation.
	es serious eye irritation.
Precautiona P101	ary statements
P101 P102	If medical advice is needed, have product container or label at hand. Keep out of reach of children.
P102 P103	Read label before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition source
1210	No smoking.
P241	Use explosion-proof [electrical/ventilating/lighting] equipment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
	+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse sl
	with water [or shower].
P305+P351	+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove conta
	lenses, if present and easy to do. Continue rinsing.
P501	Dispose of contents/container in accordance with local/regional/nation
	international regulations.
2.3 Other h	•
Results of l	PBT and vPvB assessment
PBT: Not ap	plicable.
vPvB: Not a	pplicable.

# SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

· Description: Mixture of substances listed below with nonhazardous additions.

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· Dangerous components:		contd. of page
CAS: 1330-20-7 EINECS: 215-535-7	xylene Flam. Liq. 3, H226; () Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	>10- <i>≤</i> 25%
CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29	n-butyl acetate 🚸 Flam. Liq. 3, H226; <b>()</b> STOT SE 3, H336	>10- <i>≤</i> 25%
CAS: 78-93-3 EINECS: 201-159-0	butanone � Flam. Liq. 2, H225; � Eye Irrit. 2, H319; STOT SE 3, H336	>2.5- <i>≤</i> 10%
CAS: 108-10-1 EINECS: 203-550-1	4-methylpentan-2-one	>2.5- <i>≤</i> 10%
CAS: 67-63-0 EINECS: 200-661-7 Reg.nr.: 01-2119457558-25	propan-2-ol � Flam. Liq. 2, H225; � Eye Irrit. 2, H319; STOT SE 3, H336	>2.5- <i>≤</i> 10%
CAS: 100-41-4 EINECS: 202-849-4 Reg.nr.: 01-2119489370-35	ethylbenzene � Flam. Liq. 2, H225; � STOT RE 2, H373; Asp. Tox. 1, H304; � Acute Tox. 4, H332	>2.5- <i>≤</i> 10%
CAS: 111-76-2 EINECS: 203-905-0 Reg.nr.: 01-2119475108-36	2-butoxyethanol � Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319	<i>≤</i> 2.5%
CAS: 71-36-3 EINECS: 200-751-6 Reg.nr.: 01-2119484630-38	butan-1-ol � Flam. Liq. 3, H226; � Eye Dam. 1, H318; � Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335-H336	<i>≤</i> 2.5%

#### SECTION 4: First aid measures

- · 4.1 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. If symptoms persist, consult a doctor. After swallowing: If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

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• **4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.

SECTION 5: Firefighting measures

- <sup>•</sup> 5.1 Extinguishing media
- Suitable extinguishing agents:
- CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- 5.2 Special hazards arising from the substance or mixture
- No further relevant information available.
- · 5.3 Advice for firefighters
- · Protective equipment: No special measures required.
- **SECTION 6: Accidental release measures**
- **6.1 Personal precautions, protective equipment and emergency procedures** Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:** Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

- **6.3** *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.
- 6.4 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.

# SECTION 7: Handling and storage

- 7.1 Precautions for safe handling No special precautions are necessary if used correctly.
   Information about fire and explosion protection: Keep ignition sources away - Do not smoke. Protect against electrostatic charges.
- 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: Store in a cool location.
- · Information about storage in one common storage facility: Not required.

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- Further information about storage conditions:
- Keep container tightly sealed.
- Store in cool, dry conditions in well sealed receptacles.
- Storage class: 3
- 7.3 Specific end use(s) No further relevant information available.

# SECTION 8: Exposure controls/personal protection

- · 8.1 Control parameters
- Additional information about design of technical facilities: No further data; see section 7.

<ul> <li>Ingredients with limit values</li> </ul>	that require monitoring at the workplace:
0	

	-20-7 xylene	
VVEL	Short-term value: 441 mg/m <sup>3</sup> , 100 ppm	
	Long-term value: 220 mg/m³, 50 ppm	
	Sk; BMGV	
123-8	36-4 n-butyl acetate	
WEL	Short-term value: 966 mg/m³, 200 ppm	
	Long-term value: 724 mg/m³, 150 ppm	
78-93	3-3 butanone	
WEL	Short-term value: 899 mg/m³, 300 ppm	
	Long-term value: 600 mg/m³, 200 ppm	
	Sk, BMGV	
108-1	10-1 4-methylpentan-2-one	
WEL	Short-term value: 416 mg/m³, 100 ppm	
	Long-term value: 208 mg/m³, 50 ppm	
	Sk, BMGV	
67-63	3-0 propan-2-ol	
WEL	Short-term value: 1250 mg/m³, 500 ppm	
	Long-term value: 999 mg/m³, 400 ppm	
100-4	41-4 ethylbenzene	
WEL	Short-term value: 552 mg/m³, 125 ppm	
	Long-term value: 441 mg/m³, 100 ppm	
	Sk	
111-7	76-2 2-butoxyethanol	
WEL	Short-term value: 246 mg/m³, 50 ppm	
	Long-term value: 123 mg/m³, 25 ppm	
	Sk, BMGV	
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	3 butan-1-ol	
	Short-term value: 154 mg/m³, 50 ppm Sk	
· Ingred	ients with biological limit values:	
1330-2	0-7 xylene	
BMGV	650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid	
78-93-	3 butanone	
BMGV	70 μmol/L Medium: urine Sampling time: post shift Parameter: butan-2-one	
108-10	-1 4-methylpentan-2-one	
BMGV	20 µmol/L Medium: urine Sampling time: post shift Parameter: 4-methylpentan-2-one	
111-76	-2 2-butoxyethanol	
BMGV	240 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: butoxyacetic acid	
· Additie	onal information: The lists valid during the making were used as basis.	
<ul> <li>Persoi</li> <li>Genera</li> <li>Keep a</li> <li>Immed</li> <li>Wash I</li> <li>Avoid c</li> <li>Respir</li> </ul>	bosure controls and protective equipment: al protective and hygienic measures: way from foodstuffs, beverages and feed. iately remove all soiled and contaminated clothing hands before breaks and at the end of work. contact with the eyes and skin. atory protection: Not required. tion of hands:	
Mb)	Protective gloves	



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(Contd. of page 6) 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

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.

· Eye protection:



Tightly sealed goggles

9.1 Information on basic physical a	and chemical properties	
General Information		
Appearance:	1 tour tot	
Form:	Liquid	
Colour:	Yellow	
Odour:	Characteristic	
Odour threshold:	Not determined.	
pH-value:	Not determined.	
Change in condition		
Melting point/freezing point:	Undetermined.	
Initial boiling point and boiling ra	ange: 79-80.5 °C	
Flash point:	-5 °C	
Flammability (solid, gas):	Highly flammable.	
Auto-ignition temperature:	370 °C	
Decomposition temperature:	Not determined.	



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Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product is not explosive. However, formation of explosiv air/vapour mixtures are possible.
Explosion limits:	
Lower:	1.1 Vol %
Upper:	7.5 Vol %
Vapour pressure at 20 °C:	10.7 hPa
Vapour pressure at 50 °C:	55 hPa
Density at 20 °C:	0.94 g/cm <sup>3</sup>
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with	
water:	Fully miscible.
Partition coefficient: n-octanol/water:	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Solvent content:	
Organic solvents:	56.0 %
VÕC (EC)	526.0 g/l
Solids content:	44.0 %
9.2 Other information	No further relevant information available.

# SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

10.2 Chemical stability

· Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known.

• 10.4 Conditions to avoid No further relevant information available.

• 10.5 Incompatible materials: No further relevant information available.

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· 10.6 Hazardous decomposition products: No dangerous decomposition products known.

#### SECTION 11: Toxicological information

· 11.1 Information on toxicological effects

• Acute toxicity Based on available data, the classification criteria are not met.

## · LD/LC50 values relevant for classification:

108-10-1 4-methylpentan-2-one				
LD50	2,080 mg/kg (rat)			
LD50	16,000 mg/kg (rab)			
LC50/4 h	11 mg/l (ATE)			
	8.3-16.6 mg/l (rat)			
	<b>1-methylp</b> LD50 LD50 LC50/4 h			

- Primary irritant effect:
- **Skin corrosion/irritation** Causes skin irritation.
- · Serious eye damage/irritation
- Causes serious eye irritation.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- · Additional toxicological information:
- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity Based on available data, the classification criteria are not met.
- STOT-single exposure Based on available data, the classification criteria are not met.
- STOT-repeated exposure Based on available data, the classification criteria are not met.
- Aspiration hazard Based on available data, the classification criteria are not met.

#### SECTION 12: Ecological information

#### · 12.1 Toxicity

- Aquatic toxicity: No further relevant information available.
- · 12.2 Persistence and degradability No further relevant information available.
- · 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.
- Additional ecological information:
- · General notes:

Water hazard class 2 (German Regulation) (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.

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- · 12.5 Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- · vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

# SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

· Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- · Uncleaned packaging:
- Recommendation: Disposal must be made according to official regulations.
- Recommended cleansing agents: Water, if necessary together with cleansing agents.

14.1 UN-Number ADR, IMDG, IATA	UN1263	
14.2 UN proper shipping name		
ADR IMDG, IATA	1263 PAINT PAINT	
14.3 Transport hazard class(es)	NOT APPLICABLE	
Class Label	3 Flammable liquids. 3	
14.4 Packing group ADR, IMDG, IATA		
14.5 Environmental hazards: Marine pollutant:	No	
14.6 Special precautions for user Hazard identification number (Kemler code): EMS Number:	Warning: Flammable liquids. 30 F-E,S-E	



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· Stowage Category	A
<ul> <li>14.7 Transport in bulk according to A</li> <li>Marpol and the IBC Code</li> </ul>	Annex II of Not applicable.
· Transport/Additional information:	
<ul> <li>ADR</li> <li>Limited quantities (LQ)</li> <li>Excepted quantities (EQ)</li> <li>Transport category</li> <li>Tunnel restriction code</li> </ul>	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 m. 3 D/E
<ul> <li>IMDG</li> <li>Limited quantities (LQ)</li> <li>Excepted quantities (EQ)</li> </ul>	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

# **SECTION 15: Regulatory information**

<sup>•</sup> 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

· Poisons Act

· Regulated explosives precursors

7664-38-2 phosphoric acid

#### · Regulated poisons

None of the ingredients is listed.

### · Reportable explosives precursors

None of the ingredients is listed.

## · Reportable poisons

None of the ingredients is listed.

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I None of the ingredients is listed.

· Seveso category P5c FLAMMABLE LIQUIDS

 $\cdot$  Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t

Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t

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30%

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15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## SECTION 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.

#### · Relevant phrases

H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H373 May cause damage to organs through prolonged or repeated exposure. · Department issuing SDS: Product safety department Contact: N/A • 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 IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals 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) 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 Flam. Liq. 2: Flammable liquids – Category 2 Flam. Liq. 3: Flammable liquids - Category 3 Acute Tox. 4: Acute toxicity - Category 4 Skin Irrit. 2: Skin corrosion/irritation – Category 2 Eye Dam. 1: Serious eye damage/eye irritation - Category 1 Eye Irrit. 2: Serious eye damage/eye irritation - Category 2 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 STOT RE 2: Specific target organ toxicity (repeated exposure) - Category 2 Asp. Tox. 1: Aspiration hazard – Category 1 \* \* Data compared to the previous version altered.