



**Safety Data Sheet**  
according to 1907/2006/EC, Article 31

Printing date 30.03.2023

Revision: 30.03.2023

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

- **Product identifier**
- **Trade name:** *TPA Clearcoat*
- **Article number:** *TPA Clearcoat*
- **Relevant identified uses of the substance or mixture and uses advised against**  
*No further relevant information available.*
- **Application of the substance / the mixture .**
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
*Kapci Coatings*  
*Industrial Zone El - Raswa*  
*Port Said*  
*EGYPT*  
*mohamed.khalil@kapci.com*
- **Further information obtainable from:** *Product safety department*
- **Emergency telephone number:** *During normal opening times: +20 66 3770000*

### 2 Hazards identification

- **Classification of the substance or mixture**
  - **Classification according to Regulation (EC) No 1272/2008**  
*Flam. Liq. 3 H226 Flammable liquid and vapour.*
- 
- **Label elements**
  - **Labelling according to Regulation (EC) No 1272/2008**  
*The product is classified and labelled according to the GB CLP regulation.*
  - **Hazard pictograms**



GHS02

- **Signal word** *Warning*
- **Hazard statements**  
*H226 Flammable liquid and vapour.*
- **Precautionary statements**

|             |   |
|-------------|---|
| <i>P101</i> | <i>If medical advice is needed, have product container or label at hand.</i>                          |
| <i>P102</i> | <i>Keep out of reach of children.</i>   |
| <i>P103</i> | <i>Read label before use.</i>   |
| <i>P210</i> | <i>Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</i> |
| <i>P240</i> | <i>Ground and bond container and receiving equipment.</i>   |
| <i>P241</i> | <i>Use explosion-proof [electrical/ventilating/lighting] equipment.</i>                               |

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P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### 3 Composition/information on ingredients

- **Chemical characterisation: Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

|                                |                 |                                     |         |
|--------------------------------|-----------------|-------------------------------------|---------|
| CAS: 123-86-4                  | N-Butyl acetate | Flam. Liq. 3, H226; STOT SE 3, H336 | 2.5-10% |
| EINECS: 204-658-1              |                 |                                     |         |
| Reg.nr.: 01-2119485493-29-0002 |                 |                                     |         |

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

### 4 First aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **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** Breathing difficulty
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.
- **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).  
Do not flush with water or aqueous cleansing agents
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

## 7 Handling and storage

- **Handling:**
- **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.
- **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 container tightly sealed.
- **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

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

|  |   |
|--|---|
| <b>Ingredients with limit values that require monitoring at the workplace:</b> |   |
| <b>123-86-4 N-Butyl acetate</b>  |   |
| WEL  | Short-term value: 966 mg/m <sup>3</sup> , 200 ppm |
|  | Long-term value: 724 mg/m <sup>3</sup> , 150 ppm  |

- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Protection of hands:**  
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.
- **Eye protection:**



Tightly sealed goggles

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## 9 Physical and chemical properties

|  |                                    |
|--|------------------------------------|
| · <b>Information on basic physical and chemical properties</b>   |                                    |
| · <b>General Information</b>   |                                    |
| · <b>Appearance:</b>   |                                    |
| Form:  | Fluid                              |
| Colour:  | According to product specification |
| · <b>Odour:</b> Characteristic   |                                    |
| · <b>Odour threshold:</b> Not determined.  |                                    |
| · <b>pH-value:</b> Not determined.   |                                    |
| · <b>Change in condition</b>   |                                    |
| Melting point/freezing point:  | Undetermined.                      |
| Initial boiling point and boiling range:   | 124 °C                             |
| · <b>Flash point:</b> 27 °C  |                                    |
| · <b>Flammability (solid, gas):</b> Flammable.   |                                    |
| · <b>Auto-ignition temperature:</b> 370 °C   |                                    |
| · <b>Decomposition temperature:</b> Not determined.  |                                    |
| · <b>Ignition temperature:</b> Product is not selfigniting.  |                                    |
| · <b>Explosive properties:</b> Product is not explosive. However, formation of explosive air/vapour mixtures are possible. |                                    |
| · <b>Explosion limits:</b>   |                                    |
| Lower:   | 1.2 Vol %                          |
| Upper:   | 7.5 Vol %                          |
| · <b>Vapour pressure at 20 °C:</b> 10.7 hPa  |                                    |
| · <b>Density:</b> Not determined.  |                                    |
| · <b>Relative density</b> Not determined.  |                                    |
| · <b>Vapour density</b> Not determined.  |                                    |
| · <b>Evaporation rate</b> Not determined.  |                                    |
| · <b>Solubility in / Miscibility with water:</b> Not miscible or difficult to mix.   |                                    |
| · <b>Partition coefficient: n-octanol/water:</b> Not determined.   |                                    |
| · <b>Viscosity:</b>  |                                    |
| Dynamic:   | Not determined.                    |
| Kinematic:   | Not determined.                    |
| · <b>Solvent content:</b>  |                                    |
| Organic solvents:  | 10.0 %                             |
| VOC (EC)   | 10.00 %                            |
| · <b>Solids content:</b> 90.0 %  |                                    |
| · <b>Other information</b> 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.

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

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**

### 123-86-4 N-Butyl acetate

|            |          |                       |
|------------|----------|-----------------------|
| Oral       | LD50     | 13,100 mg/kg (rat)    |
| Dermal     | LD50     | >5,000 mg/kg (rabbit) |
| Inhalative | LC50/4 h | >21 mg/l (rat)        |

- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
- **CMR effects (carcinogenicity, 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.

## 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour 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 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **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 together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

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## 14 Transport information

|  |   |
|--|---|
| <ul style="list-style-type: none"> <li>· UN-Number</li> <li>· ADR, IMDG, IATA</li> </ul>   | <p style="text-align: right;">UN1263</p>  |
| <ul style="list-style-type: none"> <li>· UN proper shipping name</li> <li>· ADR</li> <li>· IMDG, IATA</li> </ul>   | <p style="text-align: right;">1263 PAINT RELATED MATERIAL solution<br/>PAINT RELATED MATERIAL solution</p>  |
| <ul style="list-style-type: none"> <li>· Transport hazard class(es)</li> <li>· ADR, IMDG, IATA</li> </ul>  | <div style="text-align: center;">  </div>                                  |
| <ul style="list-style-type: none"> <li>· Class</li> <li>· Label</li> </ul>   | <p style="text-align: right;">3 Flammable liquids.<br/>3</p>  |
| <ul style="list-style-type: none"> <li>· Packing group</li> <li>· ADR, IMDG, IATA</li> </ul>   | <p style="text-align: right;">III</p>   |
| <ul style="list-style-type: none"> <li>· Environmental hazards:</li> <li>· Marine pollutant:</li> </ul>  | <p style="text-align: right;">No</p>  |
| <ul style="list-style-type: none"> <li>· Special precautions for user</li> <li>· Hazard identification number (Kemler code):</li> <li>· EMS Number:</li> <li>· Stowage Category</li> </ul> | <p style="text-align: right;">Warning: Flammable liquids.<br/>30<br/>F-E,<u>S-E</u><br/>A</p>   |
| <ul style="list-style-type: none"> <li>· Transport in bulk according to Annex II of Marpol and the IBC Code</li> </ul>   | <p style="text-align: right;">Not applicable.</p>   |
| <ul style="list-style-type: none"> <li>· Transport/Additional information:</li> </ul>  |   |
| <ul style="list-style-type: none"> <li>· ADR</li> <li>· Limited quantities (LQ)</li> <li>· Excepted quantities (EQ)</li> </ul>   | <p style="text-align: right;">5L<br/>Code: E1<br/>Maximum net quantity per inner packaging: 30 ml<br/>Maximum net quantity per outer packaging: 1000 ml</p> |
| <ul style="list-style-type: none"> <li>· Transport category</li> <li>· Tunnel restriction code</li> </ul>  | <p style="text-align: right;">3<br/>D/E</p>   |
| <ul style="list-style-type: none"> <li>· IMDG</li> <li>· Limited quantities (LQ)</li> <li>· Excepted quantities (EQ)</li> </ul>  | <p style="text-align: right;">5L<br/>Code: E1<br/>Maximum net quantity per inner packaging: 30 ml<br/>Maximum net quantity per outer packaging: 1000 ml</p> |
| <ul style="list-style-type: none"> <li>· UN "Model Regulation":</li> </ul>   | <p style="text-align: right;">UN 1263 PAINT RELATED MATERIAL SOLUTION, 3, III</p>   |

## 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- Seveso category P5c FLAMMABLE LIQUIDS
- 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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· **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.*

· **Relevant phrases**

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

· **Department issuing SDS:** Quality Assurance & Environment Departement

· **Contact:** Chemist / Mohamed Khalil

· **Abbreviations and acronyms:**

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. 3: Flammable liquids – Category 3

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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