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

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

· Product identifier

· Trade name: Kapci 737

- Article number: 737
- *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
- The product is not classified, according to the GB CLP regulation.

· Label elements

- · Labelling according to Regulation (EC) No 1272/2008 Void
- · Hazard pictograms Void
- · Signal word Void
- · Hazard statements Void
- · Other hazards
- · Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- · vPvB: Not applicable.

3 Composition/information on ingredients

Propylene glycol

· Chemical characterisation: Mixtures

 $\cdot \textit{Description: Mixture of substances listed below with nonhazardous additions.}$

· Dangerous components:

EINECS: 200-338-0

CAS: 57-55-6

Acute Tox. 4, H302 ≤2.5%

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

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4 First aid measures

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

5 Firefighting measures

- · Extinguishing media
- · Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
- · 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 Not required.
- · Environmental precautions: Dilute with plenty of water.
- *Methods and material for containment and cleaning up:* Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **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 No special measures required.
- · Information about fire and explosion protection: No special measures required.
- · 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

· Ingredients with limit values that require monitoring at the workplace:

57-55-6 Propylene glycol

WEL Long-term value: 474* 10** mg/m³, 150* ppm

*total vapour and particulates **particulates

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· Exposure controls

· Personal protective equipment:

· General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

· 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: Goggles recommended during refilling

9 Physical and chemical properties · Information on basic physical and chemical properties · General Information · Appearance: Form: Fluid Colour: According to product specification · Odour: *Characteristic* · Odour threshold: Not determined. Not determined. · pH-value: · Change in condition Melting point/freezing point: Undetermined. Initial boiling point and boiling range: 100 °C · Flash point: Not applicable. · Flammability (solid, gas): Not applicable. · Decomposition temperature: Not determined. Product is not selfigniting. · Ignition temperature: · Explosive properties: Product does not present an explosion hazard. · Explosion limits: Not determined. Lower: Not determined. Upper: • Vapour pressure at 20 •C: 23 hPa Not determined. · Density: · Relative density Not determined. · Vapour density Not determined. · Evaporation rate Not determined. · Solubility in / Miscibility with Fully miscible. water: · Partition coefficient: n-octanol/water: Not determined.

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· Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
· Solvent content:		
Organic solvents:	2.5 %	
Water:	50.0 %	
VOC (EC)	2.50 %	
Solids content:	47.5 %	
• 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 Based on available data, the classification criteria are not met.
- · 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 (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.

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: Not hazardous for water.
- · Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- · vPvB: Not applicable.

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• Other adverse effects No further relevant information available.

13 Disposal considerations

- · Waste treatment methods
- · Recommendation Smaller quantities can be disposed of with household waste.
- · Uncleaned packaging:
- Recommendation: Disposal must be made according to official regulations.
- Recommended cleansing agents: Water, if necessary together with cleansing agents.

UN-Number	
ADR, IMDG, IATA	UN1263
UN proper shipping name	
ADR	1263 PAINT
IMDG, IATA	PAINT
Transport hazard class(es)	
ADR, IMDG, IATA	
Class	3 Flammable liquids.
Label	3
Packing group	
ADR, IMDG, IATA	III
Environmental hazards:	Not applicable.
Special precautions for user	Warning: Flammable liquids.
EMS Number:	<i>F-E</i> , <u><i>S-E</i></u>
Stowage Category	A
Transport in bulk according to Annex II	
and the IBC Code	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	5L Code: E1
Excepted quantities (EQ)	Coae: E1 Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml
Transport category	3
Tunnel restriction code	D/E
IMDG	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per inner packaging: 50 mi Maximum net quantity per outer packaging: 1000 ml
UN ''Model Regulation'':	UN 1263 PAINT, 3, III

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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.
- · 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

H302 Harmful if swallowed.

- · 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) PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4