

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 26.05.2010

Revision: 26.05.2010

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

- **Product details**

- **Trade name:** *Kapci 620*

- **Application of the substance / the preparation**

*This Product Is designed for vehicle re finishing by professional painters only, in accordance with the manufactures instructions specified in the technical data sheet.*

- **Manufacturer/Supplier:**

*Kapci Coatings  
Industrial Zone El - Raswa  
Port Said  
EGYPT  
mohamed.rashad@kapci.com*

- **Further information obtainable from:** *Product safety department*

- **Information in case of emergency:** *During normal opening times: +20 66 3770000*

## 2 Hazards identification

- **Hazard description:**



*Xn Harmful  
F Highly flammable*

- **Information concerning particular hazards for human and environment:**

*The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.*

*R 11 Highly flammable.*

*R 20/21 Harmful by inhalation and in contact with skin.*

*R 38 Irritating to skin.*

*R 48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.*

*R 63 Possible risk of harm to the unborn child.*

*R 65 Harmful: may cause lung damage if swallowed.*

- **Classification system:**

*The classification is according to the latest editions of the EU-lists, and extended by company and literature data.*

- **GHS label elements**



*H225 - Highly flammable liquid and vapour.*



*H304 - May be fatal if swallowed and enters airways.*

*H361d - Suspected of damaging the unborn child.*

*H373 - May cause damage to organs through prolonged or repeated exposure.*



*H332 - Harmful if inhaled.*

*H315 - Causes skin irritation.*

*H336 - May cause drowsiness or dizziness.*

- **Prevention:**

*P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.*

*P241 Use explosion-proof electrical/ventilating/lighting/equipment.*

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- **Response:**  
 P301+P310 *IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.*  
 P303+P361+P353 *IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.*
- **Storage:**  
 P405 *Store locked up.*
- **Disposal:**  
 P501 *Dispose of contents/container in accordance with local/regional/national/international regulations.*

### 3 Composition/information on ingredients

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

- **Dangerous components:**

CAS: 1330-20-7 EINECS: 215-535-7	xylene	 Warning:	10-25%
CAS: 108-88-3 EINECS: 203-625-9	toluene	Repr. Cat. 3; ; R 11-38-48/20-63-65-67 Danger: Warning:	10-25%

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

### 4 First aid measures

- **General information:**  
*Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.*
- **After inhalation:**  
*Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.*  
*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.*

### 5 Fire-fighting measures

- **Suitable extinguishing agents:** *CO<sub>2</sub>, sand, extinguishing powder. Do not use water.*
- **For safety reasons unsuitable extinguishing agents:** *Water with full jet*
- **Protective equipment:** *Mouth respiratory protective device.*

### 6 Accidental release measures

- **Person-related safety precautions:** *Wear protective equipment. Keep unprotected persons away.*
- **Measures for environmental protection:**  
*Do not allow product to reach sewage system or any water course.*  
*Inform respective authorities in case of seepage into water course or sewage system.*  
*Do not allow to enter sewers/ surface or ground water.*
- **Measures for cleaning/collecting:**  
*Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).*  
*Dispose contaminated material as waste according to item 13.*  
*Ensure adequate ventilation.*

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Do not flush with water or aqueous cleansing agents

## 7 Handling and storage

- **Handling:**
- **Information for safe handling:**
  - Ensure good ventilation/exhaustion at the workplace.
  - Prevent formation of aerosols.
- **Information about fire - and explosion protection:**
  - Keep ignition sources away - Do not smoke.
  - Protect against electrostatic charges.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
  - Keep container tightly sealed.
  - Store in cool, dry conditions in well sealed receptacles.

## 8 Exposure controls/personal protection

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

- **Ingredients with limit values that require monitoring at the workplace:**

### 1330-20-7 xylene

WEL	Short-term value: 441 mg/m <sup>3</sup> , 100 ppm
	Long-term value: 220 mg/m <sup>3</sup> , 50 ppm
	Sk; BMGV

### 108-88-3 toluene

WEL	Short-term value: 384 mg/m <sup>3</sup> , 100 ppm
	Long-term value: 191 mg/m <sup>3</sup> , 50 ppm
	Sk

- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
  - Keep away from foodstuffs, beverages and feed.
  - Immediately remove all soiled and contaminated clothing
  - Wash hands before breaks and at the end of work.
  - Avoid contact with the skin.
  - Avoid contact with the eyes and skin.
- **Respiratory protection:**
  - In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- **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

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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 Physical and chemical properties

- **General Information**

<b>Form:</b>	Fluid
<b>Colour:</b>	According to product specification
<b>Odour:</b>	Characteristic

- **Change in condition**

**Melting point/Melting range:** Undetermined.

**Boiling point/Boiling range:** 110°C

- **Flash point:** 4°C

- **Ignition temperature:** 500°C

- **Self-igniting:** Product is not selfigniting.

- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

- **Explosion limits:**

**Lower:** 1.1 Vol %

**Upper:** 7.0 Vol %

- **Vapour pressure at 20°C:** 29 hPa

- **Density:** 1.70-1.75 g/cm<sup>3</sup>

- **Solubility in / Miscibility with**

**water:** Not miscible or difficult to mix.

- **Solvent content:**

**Organic solvents:** 50.0 %

**VOC (EC)** 50.00 %

**Solids content:** 50.0 %

## 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

- **Materials to be avoided:**

- **Dangerous reactions** No dangerous reactions known.

- **Dangerous decomposition products:** No dangerous decomposition products known.

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## 11 Toxicological information

- **Acute toxicity:**

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

**1330-20-7 xylene**

Oral	LD50	4300 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)

**108-88-3 toluene**

Oral	LD50	5000 mg/kg (rat)
Dermal	LD50	12124 mg/kg (rabbit)
Inhalative	LC50/4 h	5320 mg/l (mouse)

- **Primary irritant effect:**

- **on the skin:** Irritant to skin and mucous membranes.

- **on the eye:** No irritating effect.

- **Sensitization:** No sensitizing effects known.

- **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Harmful

Irritant

## 12 Ecological information

- **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.

## 13 Disposal considerations

- **Product:**

- **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.

## 14 Transport information

- **Land transport ADR/RID (cross-border)**



- **ADR/RID class:** 3 Flammable liquids.

- **Danger code (Kemler):** 33

- **UN-Number:** 1993

- **Packaging group:** II

- **Hazard label:** 3

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· **Description of goods:** 1993 FLAMMABLE LIQUID, N.O.S. (TOLUENE, XYLENES)

· **Maritime transport IMDG:**



· **IMDG Class:** 3  
 · **UN Number:** 1993  
 · **Label:** 3  
 · **Packaging group:** II  
 · **EMS Number:** F-E,S-E  
 · **Marine pollutant:** No  
 · **Proper shipping name:** FLAMMABLE LIQUID, N.O.S. (TOLUENE, XYLENES)

· **Air transport ICAO-TI and IATA-DGR:**



· **ICAO/IATA Class:** 3  
 · **UN/ID Number:** 1993  
 · **Label:** 3  
 · **Packaging group:** II  
 · **Proper shipping name:** FLAMMABLE LIQUID, N.O.S. (TOLUENE, XYLENES)

· **UN "Model Regulation":** UN1993, FLAMMABLE LIQUID, N.O.S., 3, II

## 15 Regulatory information

· **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

· **Code letter and hazard designation of product:**



Xn Harmful  
F Highly flammable

· **Hazard-determining components of labelling:**

toluene  
xylene

· **Risk phrases:**

11 Highly flammable.  
 20/21 Harmful by inhalation and in contact with skin.  
 38 Irritating to skin.  
 48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
 63 Possible risk of harm to the unborn child.  
 65 Harmful: may cause lung damage if swallowed.

· **Safety phrases:**

2 Keep out of the reach of children.  
 29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.  
 36/37 Wear suitable protective clothing and gloves.

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46 If swallowed, seek medical advice immediately and show this container or label.

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**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 R-phrases**

- 10 Flammable.
- 11 Highly flammable.
- 20/21 Harmful by inhalation and in contact with skin.
- 38 Irritating to skin.
- 48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
- 63 Possible risk of harm to the unborn child.
- 65 Harmful: may cause lung damage if swallowed.
- 67 Vapours may cause drowsiness and dizziness.

· **Department issuing MSDS: Product safety department**· **Contact: Mr. Rashad**· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent