

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 16.05.2010

Revision: 16.05.2010

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

- **Product details**

- **Trade name:** Kapci 460

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

- Application of the substance / the preparation

This Product is designed for metal and wood application 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](mailto: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:**

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

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

- **Classification system:**

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

- **GHS label elements**



**Warning**

H361d - Suspected of damaging the unborn child.

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



**Warning**

H315 - Causes skin irritation.

- **Prevention:**

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P281 Use personal protective equipment as required.

- **Response:**

P321 Specific treatment (see on this label).

- **Storage:**

P405 Store locked up.

- **Disposal:**

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

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### 3 Composition/information on ingredients

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

- **Dangerous components:**

CAS: 108-88-3 EINECS: 203-625-9	toluene Repr. Cat. 3;  Xn,  Xi,  F; R 11-38-48/20-63-65-67 Danger:  2.6/2;  3.10/1, 3.7/2, 3.9/2 Warning:  3.2/2, 3.8/3	15.0%
CAS: 123-86-4 EINECS: 204-658-1	n-butyl acetate R 10-66-67 Warning:  2.6/3;  3.8/3	10.0%

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

### 4 First aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **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>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** 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).
- **Additional information:** No dangerous substances are released.

### 7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **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:** None.

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### 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:**

#### 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
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#### 123-86-4 n-butyl acetate

WEL	Short-term value: 966 mg/m <sup>3</sup> , 200 ppm
	Long-term value: 724 mg/m <sup>3</sup> , 150 ppm

· **Additional information:** The lists valid during the making were used as basis.

· **Personal protective equipment:**

· **General protective and hygienic measures:**

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

· **Respiratory protection:** Not required.

· **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

· **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:** 370°C

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

· **Danger of explosion:** Product does not present an explosion hazard.

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· <b>Explosion limits:</b>	
<b>Lower:</b>	1.2 Vol %
<b>Upper:</b>	7.5 Vol %
· <b>Vapour pressure at 20°C:</b> 29 hPa	
· <b>Density at 20°C:</b> 1.36 : 1.40 g/cm <sup>3</sup>	
· <b>Solubility in / Miscibility with water:</b> Not miscible or difficult to mix.	
· <b>Solvent content:</b>	
<b>Organic solvents:</b>	25.0 %
<b>VOC (EC)</b>	25.00 %
· <b>Solids content:</b> 75.0 %	

### 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.

### 11 Toxicological information

· **Acute toxicity:**

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

**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:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.

· **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

### 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.

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Danger to drinking water if even small quantities leak into the ground.

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### 13 Disposal considerations

- **Product:**
- **Recommendation** Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- **Maritime transport IMDG:**
- **Marine pollutant:** No

### 15 Regulatory information

- **Labelling according to EU guidelines:**  
Observe the general safety regulations when handling chemicals.  
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).
- **Code letter and hazard designation of product:**

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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.
  - 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.
  - 66 Repeated exposure may cause skin dryness or cracking.
  - 67 Vapours may cause drowsiness and dizziness.

- **Department issuing MSDS:** Product safety department

- **Contact:** Mr. Rashad

- **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

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

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