



## Safety data sheet

### KOKO COLOUR SOLUTION

February 16, 2016

Product code: KOKO SHADES

SDS 4

#### 1 - Product and Manufacture identification:

**1.1 Product name: KOKO Colour Solution**

**1.2 Manufacture: VERNICO HAIR PRODUCTS LTD.**

680 Avenue Lepine, Dorval,

Quebec – Canada

H9P 2S5

Toll free: 1-877 837-6426

#### 2- Hazard identification

Prolonged excessive inhalation may cause irritation to upper respiratory track

Harmful if swallowed

May cause skin irritation

May cause eyes irritation

May produce an allergic reaction in certain individuals

Use only as directed

#### 3 - Composition/Information on components

CAS #	COMPONENTS
106-50-3	p-Phenylenediamine
591-27-5	m-Aminophenol
108-46-3	Resorcinol
123-30-8	p-Aminophenol
608-25-3	2-Methylresorcinol
495-88-5	4-Chlororesorcinol
2835-95-2	4-Amino-2-Hydroxytoluene
2835-99-6	4-Amino-m-Cresol
83763-48-8	2-Amino-4-Hydroxyethylamino Anisole Sulfate
54381-16-7	N,N-Bis-2-hydroxyethyl-p-phenylenediamine sulfate
2871-01-4	H.C.Red 3

6369-59-1	Toluene-2,5-Diamine Sulfate
55302-96-0	2-Methyl-5-Hydroxyethylaminophenol
6358-09-4	2-Amino-6-chloro- 4-nitrophenol
155601-30-2	1-Hydroxyethyl- 4,5-Diamino Pyrazole Sulfate
149330-25-6	2,6-Dihydroxyethylaminotoluene
6358-09-4	2-Amino-6-Chloro-4-Nitrophenol
141-43-5	Ethanolamine
7681-57-4	Sodium Metabisulfite

#### **4 - First aid measures**

If inhalation occurs, move person to fresh air; Consult a medical physician if effects persist.

If contact with eyes occurs, rinse eyes immediately with abundant cool water;

If contact with skin occurs, rinse skin with soap and water;

If ingestion occurs, do not induce vomiting. Rinse mouth with water and drink abundant water. Contact a medical physician immediately.

#### **5 – Fire Fighting measures**

Extinguish media: Carbon dioxide, chemical fire extinguisher, alcohol-resistant foam or dry chemical powder

Fire and explosion hazards: Generation of Nitrogen oxide upon combustion

Special fire fighting procedures: The use of self-containing breathing apparatus and protective suits are required when fighting fires involving this product.

Disposal: Contaminated extinguishing water and materials must be disposed in accordance with federal, state and local environment regulations

#### **6 – Accidental release measures**

Wear respiratory protection, chemical safety goggles, rubber gloves and boots;

Spills may be slippery;

Small amounts may be flush into the sewer with plenty of water;

Large amounts may be placed into a bag and disposed according to official regulations;

Wash spill site with soap solution after pick-up is completed

## 7 – Handling and Storage

### 7.1 Handling:

Read and follow instructions;  
Product must be mixed with a Koko Acticolour and a Koko Oxidizer prior to use;  
Use only the proportions indicated in the instruction;  
Wear gloves;  
Prior to application a sensitivity (patch test) test should be made;  
This product must not be used for dyeing eyelashes or eyebrows;  
Do not use this product if you had already experienced an allergic reaction to another hair colour product;  
Do not use if scalp has abrasions;  
Always mix product in a non metal container with non metal tools;  
Use mixture immediately and discard the leftover;  
Rinse and shampoo hair well, after application;  
A permanent wave application is not recommended immediately after the application of this product.

**Others:** Do not eat, drink or smoke while handling this material

### 7.2 Storage:

Store product in a dry place at room temperature between 15°C - 25°C  
Protect from direct light  
Keep out of reach of children

## 8 – Exposure control and personal protection

### 8.1 Permissible exposure limit values

CAS Number	Component	OSHA PEL	Category
7681-57-4	Sodium metabisulfite	5mg/m <sup>3</sup>	TWA (8h)
141-43-5	Ethanolamine	6mg/m <sup>3</sup>	TWA (8h)

### 8.2 Work and hygienic requirements:

Avoid contact with skin, eyes and clothing;  
Wear appropriate gloves and goggles;  
Wash thoroughly after handling;

Do not eat, drink or smoke when handling this material

## 9 - Physical and Chemical Properties

**Form:** cream

**Colour:** Various

**Odour:** Fragrance

**Viscosity:** 17.000cps – 50.000cps (Brookfield RVT, spindle 7, speed 20)

**pH value:** 9.0 – 11.0

**Flash point:** N/A

**Water solubility:** Miscible

## 10 – Stability and Reactivity

Stable under normal conditions

Avoid exposure to temperatures below 15°C or above 25°C

Avoid contact with strong oxidizing agents, reducing agents and acids

## 11– Toxicological information

### Acute toxicity:

Toxic

Harmful if swallowed

P-Phenylenediamine:

Oral LD50 (rat) = 80mg/ Kg

Toluene-2, 5- Diamine Sulfate:

Oral LD50 (rat) = 98mg/Kg

2-Methyl-5-Hydroxyethylaminophenol

Oral LD50 (rat) = 150mg/Kg

2-Methylresorcinol

Oral LD50 (rat) = 200mg/Kg

**Irritancy:**

Irritant to eyes  
Prolonged skin exposure, may cause irritation

**Sensitization:**

May cause sensitization by skin contact;  
May cause an allergic reaction;  
Repeated contact can cause skin irritation

**12 – Ecological information**

**Environment toxicity:** Contain substances that are toxic to aquatic organisms

**Degradability:** Some components are not readily biodegradable

**13 – Disposal considerations**

Dispose hazard materials in accordance with local and national regulations.

**14 – Transport regulations**

N/A

**15 – Regulatory information**

Product complies with Canada, US and EU cosmetic regulation.

**16 – Other information:**

Product use field: For cosmetic professional use only

**NOTICE: This Safety Data Sheet is based upon our current knowledge and considered to be accurate at the time of its preparation. We are not responsible for any damage or injury resulting from abnormal use, from any failure to follow appropriate practices or instructions.**