

## ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

### **Product**

Switch and Shine refills

### **Raw Material**

Paraffin mixture

### **Additives**

PC, Glass (certificate)

Dipped Cotton wick

### **Packaging**

Inner: Foil, paper, corrugated board

Outer: Corrugated board

### **Field Of Application**

For indoor use. The candles are meant to create light and nice atmosphere. Never leave a burning candle unattended.

- Always place the candle on a fireproof and heat resistant ground.
- Do not burn candles near curtains, lace curtains etc.
- Never leave a burning candle unattended.
- Do not move a burning candle.
- Do not extinguish candles by blowing
- Only use holder with sufficient air circulation.

### **EC Directive 94/62/EC on Packaging and Packaging Waste**

The packaging complies with all essential requirements as defined by 94/62/EC.

For example minimum adequate amount of packaging, limitation of heavy metal content, recyclable through at least one of the following: reuse, material recovery, energy recovery or composting.

### **Environmental Aspects**

**Product:** Paraffin is a bi-product from the production of fuels from crude-oil. When burning a candle mainly carbon dioxide and water are formed. Most glasses contains about 70–72 % by weight of silicon oxide (SiO<sub>2</sub>).

The wick sustained is made of aluminium. Aluminium is extracted in nature from the mineral bauxite. The use

of recycled aluminium not only reduces the use of raw material but it also help to save energy. The amount of recycled aluminium in the product depends on the supply. The low weight of aluminium leads to a reduction of the fuel needed for transportation and with that to fewer emissions.

Polycarbonate is made from natural gas or mineral oil. The polymer consists simply of carbon and hydrogen.

**Packaging:** PE foil is made by refining of mineral oil or natural gas. The polymer consists simply of carbon and hydrogen. The corrugated board box is to a large extend made of recycled fibres. The printing ink is water-based.

### **Product Safety**

- RAL-Certified
- As always when burning it is important with sufficient oxygen supply.
- Duni manufacturing units are certified according to the international quality system ISO 9001. They have also implemented or will implement the environmental management system ISO 14001.

### **Management Of Used Products**

#### **Energy Recovery**

All the materials are suited for energy recovery. Complete combustion gives mainly rise to carbon dioxide and water. The energy content of plastics/paper is comparable to that of oil/ wood.

#### **Recycling**

Recycling of the plastic and the corrugated board is possible for producing new products. Check with the local recycling company.

#### **Validity**

This is a copy of a document issued 2021-06-01. It is normally updated every second year or when there is a change in the manufacturing process, in the product

or in legislation. To make sure that you have the latest edition, contact Duni AB, Environmental Affairs.