



# **TECHNICAL SPECIFICATIONS AND SAFETY DATA**

## **SPARK LIGHTER TO ALUMINOTHERMIC WELDING CARTRIDGE IGNITION.**

### **1. Substance and firm identification.**

Product data - Trademark name.

Ignition gun KLK: Spark lighter with the adequate shape to generate a spark by rubbing of a lighter stone, the spark touch without a risk over the ignition powder of the aluminothermic cartridges

Manufacturer Data /Supplier

KLK Electro Materiales, S.A.

La Juvería –Tremañes - Apartado 333 - 33280 GIJON (ESPAÑA)

Phone: + 34 985 32 18 50

Telefax: + 34 985 31 28 20

### **2. Lighters type.**

Are made in a unique type with a gun shape.

### **3. Composition and Physic Characteristics**

Made of steel plate with a gun shape, it is endow with a trigger to activate the grinding wheel that scratch the stones that creates the spark. The stone is interchangeable

### **4. Specific risks of the lighter**

Are not described.

### **5. Hints on use and storage.**

Use welding gloves to prevent burns when using

Once the powder is under ignition withdraw the gun quickly to prevent projections damaging the grinding wheel that scratch the stone



## **6. Remarks.**

Read carefully the instructions given in the KLK catalogue “ Copper Aluminothermic Welding.

Do not use never a mould having a temperature superior to 300°C, there is a risk of autoignition of the ignition powder and abnormal reactions of the charge.

The aftermath of aluminothermic welding is melt metal , you must take proper safety rules to prevent projections that can cause burns and to avoid contact with water and oils.

For additional information about the cartridges to do the weldings consult the specific Safety Data list of its product.

## **7. Product Label.**

Are not available and not needed.