



Safety Data Sheet

RD 363/1995 and DC 93/112/EC

Valid since: February 2008 *Version:* February 2008

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1. Identification of the product and company

a) Product identification

Trade name: CRISOL CR2-K1W

Description: Silica sand crucible and lid for one aluminothermic shot welding.

b) Company identification / Supplier

Manufacturer: KLK Electro Materiales, S.A.

Address: La Juvería - Tremañes 33211 GIJON – SPAIN (EC)
Apartado 333 - 33280 GIJON – SPAIN (EC)

Phone: + 34 985 321 850

Fax: + 34 985 312 820

E-mail: export@klk.es

2. Composition / Ingredients

NO HAZARDOUS GOODS.

COMPONENTS	Contents in weight (%)	HAZARDOUS
Silica Sand	97	Not classified as hazardous
Resina fenólica	3	Not classified as hazardous
Capa de pintura		Not classified as hazardous



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3. Hazards identification

Not easily flammable product.

Eyes contact: wash hands after using the product.

4. First aids measures:

Serious burns can occur in case of contact with sparks or melting metal produced by the aluminothermic reaction.

5. Fire-fighting measures:

Suitable extinguishing methods for stored product: Not flammable

Not recommended extinguishing methods for stored product: Not flammable

Special exposure hazards: Not flammable

6. Supply, handling and storage instructions

a) Supply

§ Packed in wooden cages stackable (max. 2 cages).

b) Handling:

§ It is recommended to work with the crucible metal ring placed in the crucible (CS-K1W), that confers more resistant and extra security in handling, thus will prevent, spillage of the melting metal and bursting of the crucible.

§ Use de APS rod for handling

§ No smoking.

c) Storage:

§ Kept in the original package in a dry and well ventilated room.



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7. Exposure control / personal protection

Respiratory protection: Not necessary

Hands protection: It is recommended, but not necessary, to handle with protective gloves.

Eyes protection: Protect eyes with goggles during welding.

8. Physical and chemical properties:

Appearance: Solid pink

Odour: Odourless

Flavour: Flavourless.

Solubility in water Non soluble.

Self-ignition Temperature ≥ 400 °C

9. Stability and reactivity

Stability: Stable in normal conditions of use.

Dangerous decay products' Not applicable.

Materials to avoid: Not applicable.

Conditions to avoid: Humidity / Damp

10. Toxicological information

No toxic effects are known

11. Ecological information

No adverse effects are known.

12. Disposal considerations

Dispose of in accordance with State and Local regulations.



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13. Transport information

None in particular. Crucibles are not classified as hazardous goods and are not under any particular transport regulation.

14. Regulatory information

Labelling: Not applicable

15. Waste products

The waste (silica sand) must be putted away from the ballast to avoid eventual contaminations and a slight decrease of its functions.

16. Other information

Read always the aluminothermic welding procedure instructions before using.

Once the reaction starts it is not possible to stop reaction. Keep away from the reaction source to avoid burns

The aluminothermic reaction generates sparks and molten metal. Be careful and avoid contact between ejections of molten metal and moisture, water or oil.

The information container herein is based on the present state of our knowledge and is intended to provide a description of the characteristics of the product for safety purposes.

The information container in this sheet is not to be taken as a guarantee of the properties of the product.