



# Safety Data Sheet

## RD 363/1995 and DC 93/112/EC

*Valid since:* March 4th 2004                      *Version:* March 4th 2004  
*New version:* English 14/02/08  
*printed:* 02 de March de 2009                      *page:* 1 / 5

### 1. Identification of the product and company

#### a) Product identification

*Trade name:* Sealing paste KLK-SOLDAL  
*Description* 10 kgs. bucket with a lid containing sealing paste to seal the moulds for the aluminothermic welding of rails

#### b) Company identification / Supplier

*Manufacturer:* KLK Electro Materiales, S.A.  
*Address:* La Juvería - Tremañes 33211 GIJON - SPAIN  
P.O. box 333 - 33280 GIJON - SPAIN  
*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
MATERIAL	N° CAS		
Silica sand	11126-22-0	40 – 50	No hazardous goods
Bentonite	85049-30-5	25 – 30	No hazardous goods
Water	7732-18-5	20 – 25	No hazardous goods
Glycol	107-21-1	< 2%	Harmful by ingestion
Hypochlorite	7681-52-9	< 0,5%	Harmful by ingestion



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### 3. Hazards identification

*Skin contact:* wash hands after using the product.

*Eyes contact:* Slightly irritant

*Ingestion:* The ingestion of great quantity of product may cause sickness.

### 4. First aids measures

Eyes contact: Wash immediately with abundant water. Consult with the physician if the irritation persists.

Ingestion: Wash the mouth. Drink water or milk. If the victim is conscious, induce vomiting.

Medical treatment: Symptomatic treatment.

### 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. Accidental release measures

Personal precautions: None in particular

Environmental precautions: None in particular

Methods for clearing up: None in particular



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### 7. Handling and Storage

#### *a) Handling:*

§ Protective gloves are recommended.

§ Safety glasses are recommended.

#### *b) Storage:*

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

### 8. Exposure control / personal protection

*Respiratory protection:* No need.

*Hand protection:* Protective gloves are recommended.

*Eyes protection:* There is no need to protect eyes, but is recommended for making the welds.

### 9. Physical and chemical properties

*Appearance:* Solid paste.

*Odour:* Odourless.

*Flavour:* Flavourless.

*Solubility in water* Non soluble.

*Ignition temperature:* Not applicable.

*Explosion characteristics:* Not applicable.



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### 10. Stability and reactivity

*Stability:* Stable in normal conditions of use.  
*Dangerous decay products'* Not applicable.  
*Materials to avoid:* Not applicable.  
*Conditions to avoid:* Not applicable.

### 11. Toxicological information

No toxic effects are known.

### 12. Ecological information

Not adverse effects are known.

### 13. Disposal considerations

Dispose of in accordance with State and Local regulations.

### 14. Transport information

None in particular

### 15. Regulatory information

Not applicable



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### 16. Other information

Read always the aluminothermic welding using 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.